



# IFFCO Kisan SEZ Limited

Date: 19.05.2025

To,  
The Regional officer  
Integrated Regional Office {IRO}, Vijayawada,  
Ministry of Environment, Forest and Climate Change,  
Green House Complex, Gopalareddy Road,  
Vijayawada-520010, Andhra Pradesh.

Sir,

**Sub:** Submission of EC Six Monthly Compliance report of M/S. IFFCO Kisan SEZ Ltd,  
Racherlapadu Village, Kodavaluru Mandal, Nellore District-Reg.

**Ref:** Environmental Clearance No: F.No.21-8/2010-IA.III Dated 28/09/2022

We wish to inform you that the Ministry of Environment & Forests (MoEF), Delhi vide its letter No. F.No.21-8/2010-IA.III Dated 28/09/2022 has accorded Environmental Clearance for our project at Racherlapadu Village, Kodavaluru Mandal, Nellore District.

As per the general conditions No (i) of issued Environmental Clearance, the Project Proponent has to submit a six monthly compliance report to Integrated Regional Office, Vijayawada. We herewith submit compliance report for the period of **01<sup>st</sup> October 2024 to 31<sup>st</sup> March 2025** for the said project for your kind perusal.

Kindly acknowledge the same.

Thanks and Regards,

For M/s. IFFCO KISAN SEZ LTD

(Authorized Signatory)

# SIX MONTHLY COMPLIANCE REPORT

## COMPLIANCE FOR ENVIRONMENTAL CLEARANCE

**01<sup>ST</sup> OCTOBER 2024 TO 31<sup>ST</sup> MARCH 2025**

For

“Industry”

Racharlapadu Village Kodavalur Mandal,  
SPSR Nellore District.

By

**M/S. IFFCO KISAN SEZ LIMITED**

*Submitted to*

The Regional officer

Integrated Regional Office {IRO}, Vijayawada,  
Ministry of Environment, Forest and Climate Change,  
Green House Complex, Gopalareddy Road,  
Vijayawada-520010, Andhra Pradesh.

**Prepared & Certified By**

**SV ENVIRO LABS & CONSULTANTS**

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Recognized by MoE&F and NABL



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**Annexure-1**  
**Environmental Clearance Order**  
**Date: 28.09.2022**





**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Impact Assessment Division)**

To,

The Chief Executive Officer

IFFCO KISAN SEZ –MULTIPRODUCT SEZ M/S. IFFCO KISAN SEZ LTD

Project Office, Village and Post. Racharlapadu, Adjacent to NH-5,  
Kodavaluru Mandalam, SPSR Nellore District,,Nellore,Andhra Pradesh-  
524319

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the Ministry vide proposal number  
IA/AP/NCP/241187/2021 dated 27 Nov 2021. The particulars of the environmental  
clearance granted to the project are as below.

- |                                               |                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. EC Identification No.                      | <b>EC22A031AP173057</b>                                                                                                                                     |
| 2. File No.                                   | 21-8/2010-IA.III                                                                                                                                            |
| 3. Project Type                               | Modernization7                                                                                                                                              |
| 4. Category                                   | A                                                                                                                                                           |
| 5. Project/Activity including<br>Schedule No. | 7(c) Industrial estates/ parks/ complexes/<br>areas, export processing Zones                                                                                |
| 6. Name of Project                            | IFFCO Kisan SEZ – Nellore Agro Park at<br>Racharlapadu Village, Kodavaluru Taluka,<br>SPSR Nellore District, Andhra Pradesh by<br>M/s. IFFCO Kisan SEZ Ltd. |
| 7. Name of Company/Organization               | IFFCO KISAN SEZ –MULTIPRODUCT<br>SEZ M/S. IFFCO KISAN SEZ LTD                                                                                               |
| 8. Location of Project                        | Andhra Pradesh                                                                                                                                              |
| 9. TOR Date                                   | N/A                                                                                                                                                         |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 28/09/2022

(e-signed)  
**Amardeep Raju**  
Scientist E  
IA - (INFRA-1 sector)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*



2. IKSEZ is a Multi-Product Special Economic Zone with focus on agro based industries. A notified SEZ with DTZ spread over approximately 1111 Ha, situated in Nellore District of Andhra Pradesh.

3. The proposed project falls under 7(c), Category-A, Industrial Estates/Parks/Complexes/Areas, Export Processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes as per EIA notification 2006. Total Project Cost is Rs. 650 crore.

4. M/s IFFCO Kisan SEZ Limited has obtained Environmental Clearance vide letter dated 22.06.2011 for setting up of a Agro Park at Racharlapadu village, Kodavaluru Taluka, Nellore district, Andhra Pradesh for setting up Green House/Poly houses/nurseries, livestock, cereals and Pulses, fruits & vegetables, integrated dairy, aquaculture, meat & Poultry industries, Medicinal & aromatic plants, feed manufacturing, Nutraceuticals & Food Additives, Power Generation(420MW) including natural gas based-Central(220MW), Biomass based(70MW), Natural gas & Bio gas based-De central(130MW), Educational & Research, Infrastructure Basic etc.

5. Now M/s IFFCO Kisan SEZ Limited mentioned that as APTRANSCO has set up a 220KV substation with assured supply of power to the units set up in the industrial park, it was decided to drop the proposed power generation plants of 420MW capacity (including Natural gas & bio gas based de-central plant of 130MW capacity) originally proposed and also submitted that IKSEZ had been notified as Multi Product SEZ vide Gazette Notification no.724-S.O.880(E) dated 19.04.2010 by Ministry of Commerce and Industry, GoI and order to improve the occupancy in the SEZ to provide employment & economic growth in the region and proposed to withdrawn the proposal for setting up the proposed power Generation plants of 420MW capacity (including Natural gas & bio gas based de-central plant of 130MW capacity) as per the existing EC vide letter no.21-8/2010-IA.III dated 22<sup>nd</sup> June, 2011 and include following additional industrial sectors in addition to the already approved industrial sectors:

- i. Renewable energy products (wind mill blades, solar etc), Light and Heavy Engineering manufacturing products and Agricultural tools & equipment.
- ii. Nano technology based products, Nano fertilizers (Nano Nitrogen (Urea)/Nano DAP/Nano Sulphur/Nano Zinc/Nano Copper, etc).
- iii. Electric Mobility and associated products and components.
- iv. Electrical and Electronics including Li-ion and solid-state batteries.
- v. Non-alcoholic and fruit based beverages & other health and energy drinks.
- vi. Processing of shrimp/fish & shell waste.
- vii. Warehousing, Cold storages and Logistics.

6. Land use/Land cover of project site:

| S.No | Land use/Land cover                  | Area (ha) | %     | Remarks, if any                                                                                                                                                  |
|------|--------------------------------------|-----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Plotted/ Industrial area             | 754.3     | 67.93 | -                                                                                                                                                                |
| 2    | Storage Pond & Rain Water Harvesting | 42.3      | 3.81  | -                                                                                                                                                                |
| 3    | Green belt / Open Spaces             | 248.0     | 22.33 | IKSEZ will develop on the whole of 22% i.e, 620 acres (248ha) and individual industries will develop 11% of the greenbelt to achieve the total greenbelt of 33%. |
| 4    | Road Network                         | 49.2      | 4.43  | -                                                                                                                                                                |
| 5    | Water Pipeline                       | 0.7       | 0.07  | -                                                                                                                                                                |
| 6    | Parking Space                        | 10.5      | 0.94  | -                                                                                                                                                                |

|              |                        |               |               |   |
|--------------|------------------------|---------------|---------------|---|
| 7            | Solid Waste Management | 6.0           | 0.49          | - |
| <b>Total</b> |                        | <b>1111.0</b> | <b>100.00</b> | - |

7. Now PP has applied for following amendments in the existing EC:-

| Sl. No | Existing industries as per EC order No. 21-8/2010-IA.III dated 22 <sup>nd</sup> June, 2011                                                                                                                                                                                                                                                   | Industries Withdrawn/ Dropping of in the IKSEZ area.                                                                                                                                                                                              | Proposed Amendment required                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Agro park (Processing zone-488.8 ha + 198.9 ha; Non-processing zone-175.1 ha; Greenbelt-157.1 ha + 66 ha + 25.1 ha). About 10000 workers (5000 single + 5000 families) likely to stay in the SEZ. Power generation (420MW) including natural gas based central (220MW), biomass based (70MW), Natural gas & biogas based –De-central (130MW) | <p>i. Power generation (420MW) including natural gas based-central (220MW), biomass based (70MW), Natural gas &amp; biogas based –De-central (130MW)</p> <p>ii. Reduction in accommodation facility for workers from 10000 nos. to 5000 no's.</p> | <p>i. Residential/Institutional/ Administrative Buildings</p> <p>ii. Food &amp; Agri processing</p> <p>iii. Aqua processing</p> <p>iv. Nano materials and Nano Fertilizers</p> <p>v. Non-alcoholic &amp; Fruit based beverages</p> <p>vi. Electric Mobility and associated products</p> <p>vii. Electrical and Electronics including Li-ion and solid state batteries</p> <p>viii. Light &amp; Heavy Engineering Ware house and logistics.</p> |
| 2      | Water requirement                                                                                                                                                                                                                                                                                                                            | 19890KLD                                                                                                                                                                                                                                          | 19890KLD                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 3      | Wastewater generation                                                                                                                                                                                                                                                                                                                        | 9754.0KLD                                                                                                                                                                                                                                         | 11899 KLD                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4      | Project cost                                                                                                                                                                                                                                                                                                                                 | As per EC Rs. 560 Crores                                                                                                                                                                                                                          | Revised Project cost for the Multi-product SEZ and DTA: Rs. 650 Crores                                                                                                                                                                                                                                                                                                                                                                         |
| 5      | Boiler details                                                                                                                                                                                                                                                                                                                               | 2 x 6TPH, 1 x 2 TPH, 1 x 135TPH, 1 x 70TPH, 1 x 200TPH, 2 x 800TPH                                                                                                                                                                                | 1x2TPH, 1x4TPH, 1x6TPH, 1x10TPH, 1x10TPH, 1x6TPH, 1x2TPH                                                                                                                                                                                                                                                                                                                                                                                       |
| 6      | DG Sets                                                                                                                                                                                                                                                                                                                                      | Nil                                                                                                                                                                                                                                               | 250 KVA, 320KVA, 400KVA, 600KVA, 850KVA, 250 KVA, 320KVA, 400KVA, 600KVA,                                                                                                                                                                                                                                                                                                                                                                      |

|   |                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                     |
|---|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                     |                                                                                                                                                                                                                                     | 850KVA                                                                                                                                                                                                                                                                                                              |
| 7 | Solid waste details | i. Chicken slaughter waste – 100 TPD<br>ii. Domestic waste – 6TPD<br>iii. Ash from Biomass powerplants – 500 TPD<br>iv. Recyclable waste (paper, parking, scrap etc.) – 2TPD<br>v. ETP Sludge – 0.8 TPD<br>vi. STP sludge – 0.2 TPD | i. Domestic waste – 15.0 TPD Chicken Slaughter waste from slaughter house – 100 TPD<br>ii. Industrial solid waste – 100 TPD Recyclable waste – 2.0 TPD Discarded<br>iii. Containers/bags/liners/cart on boxes 1500 nos/year Used/Spent oil/mud with oil– 2000LPA.<br>iv. STP sludge – 0.2 TPD E-waste – 5Kgs/month. |

8. Following table present the existing status of the work **Completed/Not Completed** at the Industrial Park.

| S.No | Activity                           | Activities already completed for Infrastructure Development                                                                                                                                              | Activities which are still pending to be implemented |
|------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 1    | Compound wall around project site. | 27 Km length and 9 feet height compound wall with 2 feet barbed wire fencing on top has been completed as per the SEZ norms for the entire project site.                                                 | Completed                                            |
| 2    | Office space                       | 36,000 sft project office building has been constructed with ready to use office facilities for investors.                                                                                               | Completed                                            |
| 3    | Kanigiri water Supply              | Pump house to lift 45,000 KLD capacity water and laying of 14 kms length 900 mm dia twin PSC pipeline water from Kanigiri Reservoir to project site as per the approved design by Irrigation Department. | Completed                                            |
| 4    | Power supply to project site       | APTRANSCO has established 220 KV substation within industrial park to supply power to units set up in the industrial park.                                                                               | Completed                                            |

|    |                                                                                                              |                                                          |                                                                                                                                                                                                                                                                       |
|----|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5  | Sewage Treatment plant                                                                                       | 16 KLD STP is operational.                               | Completed.<br>Individual units will have their own STP/ETP as per their requirement. STP shall be scaled up as per the requirement of any new units.                                                                                                                  |
| 6  | Peripheral Roads                                                                                             | 21.2 kms                                                 | 5 kms                                                                                                                                                                                                                                                                 |
| 7  | Internal Road along with storm water drains and utilities                                                    | Completed as per requirement of existing units - 7.5 Kms | To be developed along with setting up of the new units - 28 Km                                                                                                                                                                                                        |
| 8  | Entrance Gate Facility                                                                                       | 1 no                                                     | 1 no                                                                                                                                                                                                                                                                  |
| 9  | Internal water distribution                                                                                  | 1.8 kms                                                  | 10.4 kms                                                                                                                                                                                                                                                              |
| 10 | Additional storage pond                                                                                      | 1 no (79 acre)                                           | 1 no (26 acre)                                                                                                                                                                                                                                                        |
| 12 | Accommodation facilities total-2550 units and other required social, environmental, R&D infrastructure, etc. | -                                                        | To be taken up as per the requirement of the individual industries                                                                                                                                                                                                    |
| 13 | Green belt                                                                                                   | Completed in about 126 Acre.                             | 494 acres shall be developed in tandem with setting up of new units in IKSEZ. IKSEZ will develop greenbelt on a whole of 22% i.e. 620 acres and individual units will develop remaining 11% of the greenbelt to achieve the total greenbelt of 33% of the IKSEZ area. |

9. Terrain and topographical features: The topography of the site is slightly undulating with a decreasing height gradient from North West to South East from around 27m above Mean Sea Level (+MSL) in the North-Western portion to approximately 12m+MSL in the South East.

10. Impact on Water bodies/drainage: Pennar River is in south direction at a distance of 19 km from project site. The Pennar is the major river which is passing in the middle of the district. The drainage density varies from less than 1 to 3 km/km<sup>2</sup>. Natural slope will be maintained during the site preparation to avoid any effect on the natural drainage pattern of the

site. The surface and subsurface drainage system is designed as per IRC guidelines. A minimum longitudinal gradient of 0.3% is maintained in such a way that it attains the minimum self-cleaning velocity of storm water drains.

11. Water requirement: Water requirement during operation phase would be 19610 KLD after the proposed modernization quantity of 19890 KLD. The water pipeline network and pumping scheme is already operational and will be extended to the new individual units as per the requirement. Ground water will not be envisaged. Water is being drawn from the Kanigiri Reservoir, which is located in West direction at a distance of 11km from the project site. Agreement between M/s. IFFCO Kisan SEZ and Govt. of AP, I & C.A.D. department for permission for drawl of 10 MGD of water from Kanigiri Reservoir was made vide Agt. No. 24 SE/2011-12 dated 14.11.2011. Also rainwater harvested within IKSEZ will be utilized to reduce the consumption of fresh water based on the requirements.

12. The project does not involve forest diversion/ Eco sensitive areas.

13. Waste management details for the proposed industries.

| S.No. | Name of waste                                     | Source of Generation | Quantity             | Mode of Treatment & Disposal Method                                                                                                                                   |
|-------|---------------------------------------------------|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Domestic waste                                    | Residential area     | 15.0 TPD             | Collected, segregated, stored and disposed to municipality.<br><br>Organic waste will be composted.<br><br>Plastic and E-waste will be disposed to authorized vendors |
| 2.    | Chicken slaughter waste                           | From slaughter House | 100 TPD              | Composting                                                                                                                                                            |
| 3.    | Industrial solid waste                            | From Industries      | 100 TPD              | Will be segregated and shall be handled according to the statutory norms based on the type of waste                                                                   |
| 4.    | Recyclable waste                                  | Misc.                | 2 TPD                | Disposed to APEMC/ Authorized recyclers                                                                                                                               |
| 5.    | Discarded Containers /Bags / Liners/ Carton boxes | STP                  | 1500 Nos/ Year       | Collected, stored and sold to APPCB approved parties/APMEC                                                                                                            |
| 6.    | Used/ spent oil/ Mud with Oil                     | Misc.                | 2000 LPA             | Collected, stored and sold to APPCB registered recyclers                                                                                                              |
| 7     | ETP & STP Sludge                                  | ETP and STP          | 0.2 TPD (STP sludge) | Manure for the Plants                                                                                                                                                 |
| 8     | E-waste                                           | Misc.                | 5kg/ Month           | Disposed to authorized recyclers/re-processors                                                                                                                        |



14. CETP/STP details: **STP:** Individual industries will establish their own STP as per their waste water characteristics. Further treated water will be recycled within their premises and used for greenbelt development. At present 16 KLD STP is in operation by IKSEZ and treated water is used for greenbelt development. **CETP:** The individual units in IKSEZ will install ETP based on the characteristics of the effluent generated within their premises and no CETP is proposed.

15. Tree cutting and Green belt development: SEZ infrastructure has already been established and no tree cutting has been envisaged. Out of 1111 Ha of project land 248.2 Ha of area has been earmarked for greenbelt development by IKSEZ. As most of the land is plain with tiny bushes, no tree cutting shall be required. A total of 49,449 no of plants in 126 acres have been planted around boundary. The green belt will be expanded in a phased manner in tandem with growth of industries in the industrial park. In order to comply with the MoEF&CC guidelines for greenbelt development within the Industrial Park, IKSEZ is planning to develop thick greenbelt of tall and evergreen plants along the periphery and on either sides of the roads and within the individual industrial units of IKSEZ.

16. Rain Water Harvesting: Well-developed storm water network is in place. The rain water collected during the monsoon season is being routed to the existing pond in the North West part of IKSEZ and used for various purposes within IKSEZ to decrease the load on Kanigiri Reservoir.

17. Land acquisition and R&R issues involved: Not required as the demised land is already in IKSEZ possession.

18. Employment potential: The project will generate direct employment of about 20000 nos. and indirect employment of 80000 no's will be through contractual labors and ancillary units.

19. Benefits of the project: The development of Multi-product SEZ and DTA will provide employment and business opportunities to the local people as well as attract international market for investment. The increase in economic activity is expected to enhance development and CSR activities of the industrial units will result in expansion and strengthening of social infrastructure and other benefits which will increase the wellbeing of the local population. They will also be benefited in the areas such as education, health care, infrastructure facilities and women empowerment. The Government of Andhra Pradesh will be benefited in terms of taxes and duties, the railways, ports and industries authorities, water supplying agencies etc. will be benefited indirectly. Thus, in view of considerable benefits from the project without any adverse environmental impact, the project is most advantageous to the region. IFFCO Kisan SEZ will thereby adhere to the strict environmental norms and at the same time fulfil the 5 themes of the Andhra Pradesh Industrial policy 2020 - 23 (Infrastructure, Ease of doing business, Skilling and labour Availability, End to End hand holding, Incentives) and thereby emerge as a major industrial hub in the south coast of Andhra Pradesh.

20. Details of Court cases: The cases pertaining to land acquisition way back in 1997 and compensation related issues majorly against the State Govt. are pending before the High Court of A.P. More than 25 similar cases were either dismissed or withdrawn earlier. However, due to the pandemic situation the cases are awaiting to be heard by the Hon'ble HC of Andhra Pradesh (WP(PIL) 4/2017, WP 14105/2017, WP 22430/2017, WP 32225/2017). A case pertaining to petitioner's prayer to relocate the proposed unit of KRIBHCO near Sarvepalli to IKSEZ site is pending before High Court (WP(PIL) 137/2017). A case pertaining to a sub-contractor (Power of Attorney) on amount paid for compound wall construction is pending at High Court (WP 17592/2010).



21. EAC noted that the validity of EC is expired. Therefore, the PP could not able to do any work related to infrastructure development of the IFFCO Kisan SEZ. In case PP intended to carry-on the infrastructure developmental work of the SEZ, they need to apply for ToR for the balance amount of work in the prescribed format. Till that time no work related to infrastructure development of SEZ can be carried out. As far as the present proposal of amendment in environmental clearance is concerned, since the EC is valid for the portion of SEZ project completed till 21.06.2022, the proposed amendment can be recommended.
22. The EAC based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues in its 302<sup>nd</sup> meeting during 107<sup>th</sup>-08<sup>th</sup> July, 2022, recommended the project for grant of environmental clearance with stipulated specific conditions along with other Standard EC Conditions.
23. The Ministry of Environment, Forest and Climate Change has considered the proposal based on the recommendations of the Expert Appraisal Committee (Infrastructure, CRZ and other Miscellaneous projects) and hereby decided to grant Environmental Clearance for the “Modernisation of IFFCO Kisan SEZ – Nellore Agro Park at Racharlapadu village, Kodavaluru Taluka, Nellore district, Andhra Pradesh by M/s IFFCO Kisan SEZ Ltd” under 7(ii) clause of EIA Notification, 2006 as amended, subject to strict compliance of the following specific conditions, in addition to all standard conditions applicable for such projects.

#### **A. SPECIFIC CONDITIONS**

- i. All other terms and conditions mentioned in the earlier EC vide letter 21-8/2010-IA.III dated 22.06.2011 shall remain same.
- ii. PP shall complete the Green belt development, as per the EC dated 22.06.2011, within 1 year and shall submit the status report to the Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. The validity of EC is expired. Therefore, the PP could not able to do any work related to infrastructure development of the IFFCO Kisan SEZ. In case PP intended to carry-on the infrastructure developmental work of the SEZ, they need to apply for ToR for the balance amount of work in the prescribed format. Till that time no work related to infrastructure development of SEZ can be carried out.
- iv. The proponent has to comply with the Ministry’s OM no. J-11011/321/2016-IA.II(I), dated 27.04.2018 which made it mandatory for certain type of industries to conduct public hearing irrespective of their location within Industrial Area or outside the industrial area.
- v. The proposed individual units need to take Environmental Clearance separately as per the applicability of the schedule of EIA Notification, 2006.
- vi. Air pollution control device viz., gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag-filter/ESP for removal of particulate matter; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO<sub>2</sub>, NO<sub>x</sub> and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.
- vii. No tree can be felled/transplant unless exigencies demand. Where absolutely





necessary, tree felling shall be with prior permission from the concern Authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Where the trees need to be cut/transplanted with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut/ nonsurvival of any transplanted tree) shall be done and maintained. Plantations should be undertaken exclusively with native and wild species with majority of the trees from tall Ficus variety like Banyan, Peepal, Umber etc.

- viii. The landscape planning should include plantation of only native tall tree species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. No use of Eucalyptus, Casuarina, Australian Acacia, Gliricidia etc is permitted.
- ix. Leachates to be collected and utilized within project after proper treatment. PP should submit the details regarding Leachate collection and treatment system to be installed to concerned Integrated Regional Office of the Ministry. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
- x. Ground water monitoring for Physico-Chemical parameters to be carried out and record maintained by providing piezometric wells along the flow channel (up and down).
- xi. Natural drainage present within the project site shall not be disturbed and no effluent shall be discharged into the natural drain. also shall be developed the plantation keeping the 15m width around the natural drainage.
- xii. All the mitigation measures to reduce pollution be mentioned in EIA/EMP report.
- xiii. All red category projects should be confined at one place/area and a minimum distance of 500-700 m shall be maintained between the Industrial area and the boundary of Hamlet.
- xiv. Plantation/greenbelt should be developed at the boundary of the industrial project/area and hamlet/all nearby villages.
- xv. All the mitigation measures to reduce pollution as mentioned in EIA-EMP report shall be implemented in toto.
- xvi. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016.
- xvii. As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.
- xviii. The existing water bodies in the project area shall be conserved and used for effective water management. No ground water shall be used in any case.



- xix. Provision shall be made to recharge the ground water and construct rainwater harvesting structures for augmentation of ground water levels. Rain water harvesting for roof run-off and surface run-off, as plan submitted shall be implemented.
- xx. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 4 meters above the highest ground water table. Piezometer be installed adequately to monitor the ground water level.
- xxi. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured/recorded to ensure the water balance is maintained and the record shall be submitted to the Regional Office, MoEF&CC along with six Monthly Monitoring report.
- xxii. Grading within the project site shall be planned such that there shall be negligible impacts on the existing natural drainage system/pattern. An adequate drainage system shall be provided at the site with separate collection streams to segregate the storm run-off from roads, open areas, material storage areas, vehicle wash water and other wastewater streams. Suitable measures should be taken to prevent the washing away of construction materials into the drainage system.
- xxiii. The Industrial area shall maintain Zero Liquid Discharge and to achieve this waste water generated from various industrial operations shall be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.
- xxiv. Ambient noise levels shall be regularly monitored and conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during development/ construction phase.
- xxv. Continuous monitoring system be installed by all the member industries and adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- xxvi. A comprehensive plan for disaster management and mitigation be developed taking in to account the products, processes and hazardous waste if any and its disposal. The plan should also include financial provisions for the same and integrate these within EIA/EMP.
- xxvii. EMP- Budget allocation for developing adequate infrastructure for healthcare facilities and its operations for the employees and general public be made and implemented. Also adequate financial provisions be made for skill development for local population as provided for in the EIA-EMP.
- xxviii. Green belt should be developed using exclusively native tall trees such of Ficus such as Banyan, Peepal, Umber, Jamun, Tamarind etc all around the settlements and water bodies. Minimum 33% of total project area shall be maintained as green belt.



## **B. STANDARD CONDITIONS:**

### **I. Statutory compliance:**

- (i) The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- (ii) All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction
- (iii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- (iv) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

## **II. Air quality monitoring and preservation:**

- (i) The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the project area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- (ii) Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.
- (iii) Dust collectors shall be deployed in all areas where surface cleaning and painting operations are to be carried out, supplemented by stacks for effective dispersion.
- (iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- (v) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

## **III. Water quality monitoring and preservation:**

- (i) Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- (ii) Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC

purposes and dust suppression.

- (iii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
- (iv) No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.

#### **IV. Noise monitoring and prevention:**

- (i) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- (ii) Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.
- (iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- (iv) The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

#### **V. Energy Conservation measures:**

- (i) Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- (ii) Provide LED lights in their offices and project areas.

#### **VI. Waste management:**

- (i) Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.
- (ii) The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
- (iii) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
- (iv) A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- (v) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

#### **VII. Green Belt:**

- (i) An overall green area of at-least 33% of the Industrial Area should be developed with native species. The project proponent of the Industrial Area shall comply with the additional commitment made by them in the EIA report regarding the development of



- green belt.
- (ii) The Industrial Areas are directed to accordingly allocate the area to be developed as green cover to respective individual industrial units so as to achieve the above mentioned condition.
  - (iii) The individual industrial unit, at the time of obtaining EC, shall bring a letter from the Industrial Area for the area allocated to them to be developed as green cover as a part of obligation from the Industrial Area.
  - (iv) Wherever possible, plantations around the periphery of the Industrial Area, in the downwind direction and along the road sides shall be provided for containment of pollution and for formation of a screen between the industrial area and the outer civil area. The choice of plants should include shrubs of height 1 to 1.5 m and tree of 3 to 5 m height. The intermixing of trees and shrubs should be such that the foliage area density in vertical is almost uniform.
  - (v) The parameters like selection of plant species, procedure for plantation, density of tree plantation etc shall be as per the CPCB guidelines.

#### **VIII. Public hearing and human health issues:**

- (i) Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.
- (ii) Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.
- (iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (v) Occupational health surveillance of the workers shall be done on a regular basis.

#### **IX. Environment Responsibility:**

- (i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- (ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- (iii) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by



competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

- (iv) Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

#### **X. Miscellaneous:**

- (i) The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- (ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- (iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- (iv) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- (v) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- (vi) The criteria pollutant levels namely; PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (vii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- (viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- (ix) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- (x) No further expansion or modifications in the Industrial Area shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- (xi) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.





- (xii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- (xiii) The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- (xiv) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- (xv) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- (xvi) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

25. This issues with the approval of the Competent Authority.



**(Amardeep Raju)**  
Scientist-E

Copy to:

1. The Secretary, Department of Environment, Forest, S & T Government of Andhra Pradesh Secretariat, Velagapudi, Andhra Pradesh 522503.
2. The Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Vijayawada Green House, Gopalareddy Road, Vijayawada – 520010, Andhra Pradesh
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
4. The Member Secretary, Andhra Pradesh Pollution Control Board, D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/Record File
7. Notice Board.



**(Amardeep Raju)**  
Scientist-E



**Annexure-2**

**Compliance of Environmental Clearance**

**IFFCO KISAN SEZ LTD**

Racharlapadu, Village, Kodavaluru Taluka, SPSR

Nellore District, Andhra Pradesh.

**CONDITION-WISE COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE**

Ministry of Environment, Forest &amp; Climate Change, Govt of India

**EC Order No:F.No.21-8/2010-IA.III Dated 28/09/2022**

| S.No                        | Conditions of Environmental Clearance                                                                                                                                                                                                                                                                                                                                                                                                                            | Status of Compliance                                                                                                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A.SPECIAL CONDITIONS</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                     |
| i                           | All other terms and conditions mentioned in the earlier EC vide letter 21-8/2010-IA.III Dated 22.06.2011 shall remain same.                                                                                                                                                                                                                                                                                                                                      | All conditions stipulated in the EC vide letter no: 21-8/2010-IA.III Dated 22.06.2011 are being complied regularly.<br><b>EC Order are attached as annexure.</b>                                    |
| ii                          | PP shall complete the Green belt development, as per the EC dated 22.06.2011, within 1 year and shall submit the status report to the Regional Officer of the Ministry as a part of six-monthly compliance report.                                                                                                                                                                                                                                               | <b>Being Complied.</b><br>We are developing green belt minimum of 20 m wide in the project area as per the EC order dated June 22, 2011.<br><b>Green belt Photographs are attached as annexure.</b> |
| iii                         | The validity of EC is expired. Therefore, the PP could not able to do any work related to infrastructure development of the IFFCO Kisan SEZ. In case PP intended to carry-on the infrastructure developmental work of the SEZ, they need to apply for ToR for the balance amount of work in the prescribed format. Till that time no work related to infrastructure development of SEZ can be carried out.                                                       | Noted & agreed.                                                                                                                                                                                     |
| iv                          | The proponent has to comply with the Ministry's OM no. J-11011/321/2016-IA.II(I), dated 27.04.2018 which made it mandatory for certain type of industries to conduct public hearing irrespective of their location within Industrial Area or outside the industrial area.                                                                                                                                                                                        | We will comply with Ministry's OM no. J-11011/321/2016-IA.II(I), dated 27.04.2018                                                                                                                   |
| v                           | The proposed individual units need to take Environmental Clearance separately as per the applicability of the schedule of EIA Notification, 2006.                                                                                                                                                                                                                                                                                                                | <b>Agreed to Comply.</b>                                                                                                                                                                            |
| vi                          | Air pollution control device viz., gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag-filter/ESP for removal of particulate matter; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring | Presently we don't have incinerators.                                                                                                                                                               |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                              |
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|      | shall be provided as per CPCB guidelines for monitoring particulate matter, SO <sub>2</sub> , NO <sub>x</sub> and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
| vii  | No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concern Authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Where the trees need to be cut/transplanted with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut/ nonsurvival of any transplanted tree) shall be done and maintained. Plantations should be undertaken exclusively with native and wild species with majority of the trees from tall Ficus variety like Banyan, Peepal, Umber etc. | <b>Agreed to Comply.</b><br>We will follow as per directions.                                                                                                                                                                                                |
| viii | The landscape planning should include plantation of only native tall tree species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. No use of Eucalyptus, Casuarina, Australian Acacia, Gliricidia etc is permitted.                                                                                                                                                                                                                                                                                                                                                                                          | <b>Being complied.</b><br>We are following the landscape planning for native tall tree species. Water-intensive and/or invasive species will not be used for fresh landscaping. Eucalyptus, Casuarina, Australian Acacia, Gliricidia, etc shall not be used. |
| ix   | Leachates to be collected and utilized within project after proper treatment. PP should submit the details regarding Leachate collection and treatment system to be installed to concerned Integrated Regional Office of the Ministry. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.                                                                                                                                                                                                                                                                                                                                                                                                | Agree to Comply                                                                                                                                                                                                                                              |
| x    | Ground water monitoring for Physico-Chemical parameters to be carried out and record maintained by providing piezometric wells along the flow channel (up and down).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | We will monitor ground water for Physico-Chemical parameters.                                                                                                                                                                                                |
| xi   | Natural drainage present within the project site shall not be disturbed and no effluent shall be discharged into the natural drain. also shall be developed the plantation keeping the 15m width around the natural drainage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | We will not disturb natural drainage present within the project site.                                                                                                                                                                                        |
| xii  | All the mitigation measures to reduce pollution be mentioned in EIA/EMP report.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Agree to Comply                                                                                                                                                                                                                                              |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| xiii  | All red category projects should be confined at one place/area and a minimum distance of 500-700 m shall be maintained between the Industrial area and the boundary of Hamlet..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Agree to Comply                                                                                                                                                  |
| xiv   | Plantation/ greenbelt should be developed at the boundary of the industrial project/ area and hamlet/ all nearby villages.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | About 70,397 Nos plantation along boundary has been done.                                                                                                        |
| xv    | All the mitigation measures to reduce pollution as mentioned in EIA-EMP report shall be implemented in toto.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | We are implementing mitigation measures to reduce pollution as per EMP report.                                                                                   |
| xvi   | Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | We will utilize fly ash as building material as directed by the board.                                                                                           |
| xvii  | As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30 <sup>th</sup> September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/ protection measures including the NPV, Compensatory afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP. | Noted & agreed.                                                                                                                                                  |
| xviii | The existing water bodies in the project area shall be conserved and used for effective water management. No ground water shall be used in any case.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Agree to Comply                                                                                                                                                  |
| xix   | Provision shall be made to recharge the ground water and construct rainwater harvesting structures for augmentation of ground water levels. Rain water harvesting for roof run-off and surface run- off, as plan submitted shall be implemented.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Rainwater harvesting structures have been constructed around project office building.<br><br><b>Rainwater harvesting Pits Photographs are attached annexure.</b> |
| xx    | Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 4 meters above the highest ground water table.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Agree to Comply                                                                                                                                                  |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | Piezometer be installed adequately to monitor the ground water level.                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| xxi   | The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured/ recorded to ensure the water balance is maintained and the record shall be submitted to the Regional Office, MoEF&CC along with six Monthly Monitoring report.                                                                                                                                                                                                                              | Agree to Comply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| xxii  | Grading within the project site shall be planned such that there shall be negligible impacts on the existing natural drainage system/pattern. An adequate drainage system shall be provided at the site with separate collection streams to segregate the storm run-off from roads, open areas, material storage areas, vehicle wash water and other wastewater streams. Suitable measures should be taken to prevent the washing away of construction materials into the drainage system. | Agree to Comply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| xxiii | The Industrial area shall maintain Zero Liquid Discharge and to achieve this waste water generated from various industrial operations shall be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.                                                                                                                                                                                                                                | Noted and agreed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| xxiv  | Ambient noise levels shall be regularly monitored and conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during development/ construction phase.                                                                                                                                                                                                                                  | <p><b>Being complied</b></p> <p>Regular monitoring is being carried out by MoEF/NABL recognised laboratory. Analysis reports are attached as annexure for your kind perusal.</p> <p>Following Adequate measures are being taken to reduce ambient air/noise levels.</p> <ul style="list-style-type: none"> <li>➤ Vehicles covered with tarpaulin.</li> <li>➤ Regular maintenance of vehicles/noise generating equipment</li> <li>➤ PUC vehicles are being used</li> <li>➤ DG sets are provided with Acoustic enclosure</li> </ul> <p><b>Monitoring Reports are attached as annexure.</b></p> |
| xxv   | Continuous monitoring system be installed by all the member industries and adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.                                                                                                                                                                                                                                                     | Agree to Comply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| xxvi  | A comprehensive plan for disaster management and mitigation be developed taking in to account the products, processes and hazardous waste if any and its disposal.                                                                                                                                                                                                                                                                                                                         | Agree to Comply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|            |                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                               |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | The plan should also include financial provisions for the same and integrate these within EIA/EMP.                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                               |
| xxvi<br>i  | EMP Budget allocation for developing adequate infrastructure for healthcare facilities and its operations for the employees and general public be made and implemented. Also adequate financial provisions be made for skill development for local population as provided for in the EIA-EMP | <b>Being complied.</b><br><br>We are allocating the EMP budget for developing adequate infrastructure as per the EMP report.                                                                                                                                                                                  |
| xxvi<br>ii | Green belt should be developed using exclusively native tall trees such of Ficus such as Banyan, Peepal, Umber, Jamun, Tamarind etc all around the settlements and water bodies. Minimum 33% of total project area shall be maintained as green belt.                                        | <b>Being Complied.</b><br>IKSEZ is being developing on the whole of 22% i.e, 620 acres (248ha) and individual industries is developed 11% of the greenbelt to achieve the total greenbelt of 33%. Green belt is being developed in tandem with the development of proposed industries in the industrial park. |

#### B. STANDARD CONDITIONS:

##### I. Statutory compliance:

|      |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i.   | The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.                                | We have obtained permission from Irrigation Circle, Nellore for the drawl of 10MGD of water from Kanigiri Reservoir vide agreement no 24 SE/2011-12 Dt: 14.11.2011.                                                                                                                                                                                                                                                                                                                                                                                                          |
| ii.  | All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction                                                                                                          | Being Complied.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| iii. | A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.                                                                                                               | <b>Complied.</b><br>A 220 KV substation setup by APTRANSCO is present in the site which assures power for Industrial units.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| iv.  | All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities. | We have obtained EC Order from MoEF vide file no: 21-8/2010-IA.III, Dated: 28.09.2022.<br><b>EC Order are attached as annexure.</b><br>Obtained Consent to Establish order from APPCB, Vijayawada vide <b>order No:</b> 195/PCB/CFE/RO-NLR/HO/2012, Date: 28.04.2012,<br>Water permission from Irrigation Circle, Nellore for the drawl of 10MGD of water from Kanigiri Reservoir vide agreement no 24 SE/2011-12 Dt: 14.11.2011. <b>Enclosed as Annexure.</b><br>All other applicable statutory clearances will be duly obtained from the respective competent authorities. |



|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                           |
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|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                           |
|     | <b>II. Air quality monitoring and preservation:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                           |
| i   | The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the project area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.                                                                                                                                                                                                                                                                                                                                                            | <p><b>Being Complied.</b><br/>Ambient air quality is being monitored by MoEF &amp; CC and NABL accredited laboratory agency - SV Enviro Labs &amp; Consultants.</p> <p><b>Monitoring reports are attached as an annexure.</b></p>                                                         |
| ii  | Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Agree to Comply</b>                                                                                                                                                                                                                                                                    |
| iii | Dust collectors shall be deployed in all areas where surface cleaning and painting operations are to be carried out, supplemented by stacks for effective dispersion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | At present there are no surface cleaning and painting operations carried.                                                                                                                                                                                                                 |
| iv  | Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.                                                                                                                                                                                                                                                                                                                                                                                          | <p><b>Being Complied.</b><br/>Adequate stack height for DG set as per CPCB norms is being provided. We are monitoring emissions from DG sets and the results are well below the prescribed emission standard for DG sets.</p> <p><b>DG Sets photographs are attached as annexure.</b></p> |
| v   | A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these | Shall be Complied.                                                                                                                                                                                                                                                                        |

|                                                        |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        | departments.                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>III. Water quality monitoring and preservation:</b> |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                     |
| i                                                      | Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.                                             | <p><b>Complied.</b><br/>The source of fresh water is Kanigiri Reservoir. We are not using more than the stipulated quantity of water.<br/>We have obtained Water permission from Irrigation Circle, Nellore for the drawl of 10MGD of water from Kanigiri Reservoir vide agreement no 24 SE/2011-12 Dt: 14.11.2011.<br/><b>Water permission letter is attached as annexure.</b></p> |
| ii                                                     | Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.                                | <p><b>Complied.</b><br/>We have provided STP to treat the wastewater generated from the project. Treated water is being reused for horticulture, flushing, backwashing, HVAC purposes, and dust suppression.<br/><b>STP Photographs are attached as annexure.</b></p>                                                                                                               |
| iii                                                    | A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.                           | Agree to Comply                                                                                                                                                                                                                                                                                                                                                                     |
| iv                                                     | No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.                                                                                                        | Not applicable. There is no river within 15 kms from the site.                                                                                                                                                                                                                                                                                                                      |
| <b>IV. Noise monitoring and prevention:</b>            |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                     |
| i                                                      | Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.                                   | <p><b>Being Complied.</b><br/>Noise level monitoring is being carried out as per the prescribed guidelines and the reports are being submitted to IRO, MoEF along with six monthly compliance report.</p>                                                                                                                                                                           |
| ii                                                     | Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments. | <p><b>Being complied.</b><br/>Noise control measures are being implemented so as to ensure noise levels from the vehicles, power machinery and equipment are maintained within the prescribed limits during construction phase.</p>                                                                                                                                                 |
| iii                                                    | Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.                                          | <p><b>Being complied.</b><br/>Provision of protective devices is being made to the workers near high noise generating areas, also noise barriers for the noisy construction areas are being provided. DG Sets are provided with acoustic enclosure to minimize the noise.</p>                                                                                                       |

|                                         |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| iv                                      | The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.                                                                                                                                        | <b>Being Complied.</b><br>Ambient noise level monitoring is being carried out by MoEF & CC ,NABL accredited laboratory as per CPCB Norms and all the parameters are well within the standard limits.<br><br><b>Monitoring Reports attached as annexure.</b> |
| <b>V. Energy Conservation measures:</b> |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |
| i                                       | Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;                                                                                                               | <b>Being complied.</b><br>We will provide solar power generation on the roofs of buildings for a solar light system for all common areas, street lights, and parking around the project area.                                                               |
| ii                                      | Provide LED lights in their offices and project areas                                                                                                                                                                                                                                            | <b>Complied.</b><br>We have provided LED Lights at offices and project areas.<br><br><b>Photographs are attached as annexure.</b>                                                                                                                           |
| <b>VI. Waste management:</b>            |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |
| i                                       | Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986 | <b>Being complied.</b><br>At present , no effluent is being generated.                                                                                                                                                                                      |
| ii                                      | The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.                                                                                                                                                                                       | <b>Being complied.</b><br>We are disposing of solid waste as per the norms of the Solid Waste Management Rules, 2016.                                                                                                                                       |
| iii                                     | Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.                                                                                                               | <b>Being complied.</b><br>We are following the Construction and Demolition Waste Management Rules, 2016.                                                                                                                                                    |
| iv                                      | A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.                                                                            | Being Complied                                                                                                                                                                                                                                              |
| v                                       | Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.                                                                                                          | <b>Being complied.</b><br>We are following as per directions and guidelines.                                                                                                                                                                                |

**VII. Green Belt:**

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                       |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i   | An overall green area of at-least 33% of the Industrial Area should be developed with native species. The project proponent of the Industrial Area shall comply with the additional commitment made by them in the EIA report regarding the development of green belt                                                                                                                                                                                                          | <b>Being complied.</b><br>IKSEZ is developing 22%, and individual units are developing 11% of the of the greenbelt to achieve a total greenbelt of 33%. Greenbelt is being developed in tandem with the development of proposed industries in industrial parks.                       |
| ii  | The Industrial Areas are directed to accordingly allocate the area to be developed as green cover to respective individual industrial units so as to achieve the above mentioned condition.                                                                                                                                                                                                                                                                                    | <b>Complied.</b><br>We are developing the industrial area as per the allocated EC order and allocating green cover area for the respective individual industrial units so as to achieve the above-mentioned condition in phased manner in tandem with setting up of industrial units. |
| iii | The individual industrial unit, at the time of obtaining EC, shall bring a letter from the Industrial Area for the area allocated to them to be developed as green cover as a part of obligation from the Industrial Area.                                                                                                                                                                                                                                                     | <b>Being complied.</b><br>We are developing the industrial area as per the allocated EC order and as green cover.                                                                                                                                                                     |
| iv  | Wherever possible, plantations around the periphery of the Industrial Area, in the downwind direction and along the road sides shall be provided for containment of pollution and for formation of a screen between the industrial area and the outer civil area. The choice of plants should include shrubs of height 1 to 1.5 m and tree of 3 to 5 m height. The intermixing of trees and shrubs should be such that the foliage area density in vertical is almost uniform. | <b>Being Complied.</b><br><br>20m wide greenbelt is being developed along the boundary.                                                                                                                                                                                               |
| v   | The parameters like selection of plant species, procedure for plantation, density of tree plantation etc shall be as per the CPCB guidelines.                                                                                                                                                                                                                                                                                                                                  | <b>Being Complied.</b><br>As per CPCB guidelines, we are maintaining parameters like selection of plant species, procedure for plantation, and density of tree plantation.                                                                                                            |

**IX. Environment Responsibility:**

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| i | The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or Share holders / stake holders. The copy of the | <b>Being complied.</b> |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                   |
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|     | board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                   |
| ii  | A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.                                                                                                                                                                                                                                                                | <b>Noted and agreed.</b>                                                                                                                                                                                                                          |
| iii | Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report. | <b>Being Complied.</b><br>We are preparing action plan for implementing EMP and environmental condition by authority agency and report will be submit to Ministry/Regional Office along with the six monthly compliance report once in year wise. |
| iv  | Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.                                                                                                                                                                                                                                                                                                                                                              | Agree to Comply                                                                                                                                                                                                                                   |

#### **X. Miscellaneous:**

|     |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                   |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i   | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. | <b>Complied.</b><br>We have advertised in two local newspapers, the Telugu paper Sakshi and the English paper Hans India, on October 5, 2022.<br><br><b>The paper advertisement photographs are attached as an annexure.</b>                                                                                                      |
| ii  | The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.                                                                                                                                        | <b>Complied.</b><br>We have submitted copies of the environmental clearance of the panchayat in Regadichelika village and the municipal office in Nellore district, as directed by the board.                                                                                                                                     |
| iii | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.                                                                                                                                                                                                              | <b>Being Complied.</b><br>The status of compliance with stipulated EC conditions, including monitoring data, is being uploaded to our website (i.e., <a href="https://www.iksez.com">https://www.iksez.com</a> ) and also submitted to the Integrated Regional Office {IRO}, Vijayawada, MoEF through the online Parivesh portal. |

|      |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| iv   | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.                                                                 | <p><b>Being Complied.</b></p> <p>We are regularly submitting the EC six-monthly compliance report on the status of EC conditions to the Integrated Regional Office, MoEF&amp;CC, Vijayawada.</p> <p>Now, six monthly compliance reports for the period 1<sup>st</sup> October 2024 to 31<sup>st</sup> March 2025 are being submitted to the Integrated Regional Office {IRO}, Vijayawada, MoEF through the Parivesh portal.</p>                                                |
| v    | The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.                                | <p><b>Being complied.</b></p> <p>We are regularly submitting Environmental Statement for the financial year as per the directions.</p> <p>We have submitted the Environmental Statement (Form V) for the financial year i.e., 01<sup>st</sup> April 2023 to 31<sup>st</sup> March 2024 before 30<sup>th</sup> September 2024 to APPCB, Regional Office, Nellore through hard copy as per the directions.</p> <p><b>Form-V Acknowledgment Copy attached as an annexure.</b></p> |
| vi   | The criteria pollutant levels namely; PM <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain | <p><b>Complied.</b></p> <p>A environmental display board is available at the main gate of the industry and shows the parameters of PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>x</sub>.</p> <p><b>Photographs are attached as annexure.</b></p>                                                                                                                                                                                                              |
| vii  | The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.                                        | Noted and agreed.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| viii | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.                                                                                                                                                                        | Noted and agreed.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ix   | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.                                                                                   | <p><b>Being complied.</b></p> <p>All the commitments and recommendations made in the EIA/EMP report, commitments made during the public hearing, and also that their presentation shall be complied with as per the Expert Appraisal Committee.</p>                                                                                                                                                                                                                            |
| x    | No further expansion or modifications in the Industrial Area shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).                                                                                                                              | Further, any expansion or modifications in the industrial area will be intimated to the MoEF Board.                                                                                                                                                                                                                                                                                                                                                                            |
| xi   | Concealing factual data or submission of                                                                                                                                                                                                                                                                    | Complied.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |



|      |                                                                                                                                                                                                                                                                 |                   |
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|      | false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.                                                                                                   |                   |
| xii  | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.                                                                                                                                         | Agreed to Comply. |
| xiii | The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.                                                                                                     | Agreed to Comply. |
| xv   | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports. | Complied.         |
| xvi  | Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.                                                                        | Noted.            |

**Annexure-3**  
**Environmental Clearance Order**  
**Date: 22.06.2011**

No. 21-8/2010-IA.III  
Government of India  
Ministry of Environment & Forests

Paryavaran Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi-110 003.

Dated: 22<sup>nd</sup> June, 2011.

To,  
The Chief Executive Officer  
M/s. IFFCO Sadan,  
C-1, District Centre, Saket Place  
New Delhi - 110 017

**Subject: - Environmental Clearance for IFFCO Kisan SEZ - Nellore Agro Park at Racharlapadu Village, Kodavaluru Taluka, Nellore District, Andhra Pradesh by M/s. IFFCO Kisan SEZ Ltd**

Sir,

This has reference to your application No. Nil dated 16.2.2010 and No.IKSEZ/290/2010-11 dated 3.12.2010 and subsequent letters dated 28.3.2011 and 18.5.2011 seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form-1: 1A & Questionnaire, EIA/EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 18-20<sup>th</sup> January, 2011 and 5-6<sup>th</sup> April, 2011 and recommended environmental clearance to the project.

2. It is, interalia, noted that the project involves the setting-up of a agro park called IFFCO Kisan SEZ on a total plot area is 1111 hectares ( Processing zone-488.8 ha + 198.9 ha; Non-processing zone-175.1 ha; greenbelt-157.1 ha + 66 ha + 25.1 ha). There are about 10,000 workers (5000 single + 5000 families) likely to stay in the SEZ. The housing requirement for all the workers will be about 6400 units (dormitories-2300 + small apartments-1150 + cottages-1950 + villas-500+ large apartments-500). The total water requirement is 19,890 KLD. There will be a STP for domestic sewage and an ETP also proposed. A central gas fired power plant of 220 MW and a biomass power plant of 70 MW is proposed to meet the power requirements of SEZ. A total of 3000 trucks will be arriving or departing the SEZ every day. Total cost of the project is Rs 560 Crore.

3. The proposal was earlier considered in the 86<sup>th</sup> meeting of EAC held on 25<sup>th</sup>- 26<sup>th</sup> March 2010 and finalised the ToR. The ToR was issued on 5<sup>th</sup> May, 2010. Public hearing was conducted on 26<sup>th</sup> October, 2010 at project site.

4. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications

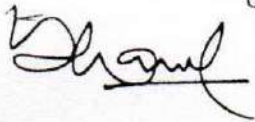


furnished in response to its observations, have recommended for the grant of Environmental Clearance for the project mentioned above. Accordingly, the Ministry hereby accord necessary Environmental Clearance for the above project as per the provisions of Environmental Impact Assessment Notification - 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

**PART A - SPECIFIC CONDITIONS**

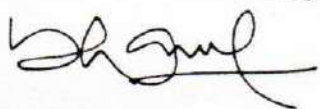
**I. Construction Phase**

- (i) "Consent for Establishment" shall be obtained from Andhra Pradesh State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
- (ii) Separate clearance shall be obtained from Ministry of Environment & Forests for establishment of a central gas fired power plant of 220MW and Bio mass power plant of 70MW.
- (iii) Energy efficient for waste water treatment like bottle reactor/ root zone shall be used.
- (iv) A minimum of 20m wide green belt shall be developed all around the project site.
- (v) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (vi) A First Aid Room will be provided in the project both during construction and operation of the project.
- (vii) All the topsoil excavated during construction developmental activities should be stored for use in horticulture/landscape development within the project site.
- (viii) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (ix) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.





- (x) Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.
- (xi) Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Andhra Pradesh State Pollution Control Board.
- (xii) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- (xiii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- (xiv) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- (xv) Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ APSPCB.
- (xvi) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003. (The above condition is applicable only if the project site is located within the 100 Km of Thermal Power Stations).
- (xvii) Ready mixed concrete must be used in building construction.
- (xviii) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xix) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xx) Permission to draw ground water shall be obtained from the competent authority prior to construction/operation of the project.
- (xxi) Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.



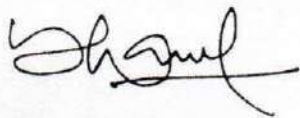
- (xxii) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- (xxiii) Use of glass may be reduced by upto 40% to reduce the electricity consumption and load on airconditioning. If necessary, use high quality double glass with special reflective coating in windows.
- (xxiv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- (xxv) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all airconditioned spaces while it is aspirational for non-airconditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- (xxvi) The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc.
- (xxvii) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- (xxviii) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.

## **II. Operation Phase**

- i) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated affluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralised treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Andhra Pradesh State Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.
- ii) The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.



- iii) Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Andhra Pradesh State Pollution Control Board.
- iv) Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- v) The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
- vi) Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
- vii) Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging should be kept at least 5 mts. above the highest ground water table.
- viii) The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- ix) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- x) A Report on the energy conservation measures confirming to energy conservation norms finalise by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Ministry in three months time.
- xi) Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.
- xii) Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.
- xiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.





## **PART - B. GENERAL CONDITIONS**

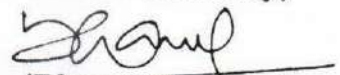
- i) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
5. Officials from the Regional Office of MOEF, Bangalore who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional office of MOEF, Bangalore.
6. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
7. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
9. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
10. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Andhra Pradesh State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangalore.
11. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation V/s Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
12. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while

processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

13. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

14. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned Andhra Pradesh State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

Yours faithfully,



(Bharat Bhushan)

Director (IA)

22.06.2011

Copy to:

- (1) Special Secretary (Environment), Government of Andhra Pradesh, Secretariat, Hyderabad- 500 022
- (2) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032.
- (3) The Member Secretary, A.P. State Pollution Control Board, Paryavaran Bhavan, A-3, Industrial Estate, Sanath nagar, Hyderabad - 500 018
- (4) The CCF, Regional Office, Ministry of Environment & Forests(SZ), Kendriya Sadan, IVth floor, E&F wings, 17<sup>th</sup> Main Road, Koramangala II Block, Bangalore - 560 034.
- (5) IA - Division, Monitoring Cell, MOEF, New Delhi - 110003.
- (6) Guard file.

(Bharat Bhushan)  
Director (IA)

**Annexure-4**

**Consent For Establishment Order**





**REGD.POST WITH ACK.DUE**

**CONSENT ORDER FOR ESTABLISHMENT**

**Order No.195/PCB/CFE/RO-NLR/HO/2012** 461

**Dt. 28.04.2012**

Sub: PCB - CFE - M/s. IFFCO Kisan SEZ Limited, Racharlapadu (V), Kodavalur (M), SPSR Nellore District - Consent for Establishment of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

- Ref:
- 1) Public hearing conducted on 26.10.2010
  - 2) Environmental Clearance dt. 22.06.2011 issued by MOE&F, GOI.
  - 3) Proponent's application received through SWCC on 02.01.2012 and Addl. Information received on 31.03.2012.
  - 4) R.O's inspection report dt 07.04.2012
  - 5) CFE Committee meeting held on 17.04.2012

1. In the reference 3<sup>rd</sup> cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to establish Multi Product SEZ consists of Green houses/ply houses/nurseries, Livestock, cereals and pulses, Fruits & Vegetables, Integrated dairy, Aquaculture, Meat & Poultry industries, Medicinal & aromatic plants, Feed manufacturing, Nutraceuticals & Food Additives, Power Generation (420 MW) including natural gas based - Central (220 MW), Bio Mass based (70MW), Natural gas & Bio gas based - De-central (130 MW), Educational & Research, Infrastructure - Commercial/ Social, Infrastructure - Residential, Infrastructure - Environmental, Infrastructure Basic etc., with a project cost of Rs. 560.0 crores
2. As per the application, the above activity is to be located at Racharlapadu (V), Kodavalur (M), SPSR Nellore District in an area of 2776.4 Acres (1123.46 Ha)
3. The above site was inspected by the Asst. Environmental Engineer, Regional office, A.P Pollution Control Board, Nellore on 04.01.2012 and observed that the site is surrounded by  
  
**North** : Agriculture lands  
  
**South** : Regadichelika (V) & Agriculture lands  
  
**East** : Barren land  
  
**West** : Agriculture dry lands
4. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues **CONSENT FOR ESTABLISHMENT** to your activity Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to the activity as mentioned at para (1) only.**

*Rec'd. on 8/5/12  
Hunting*



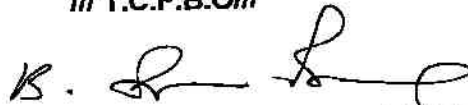
5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'  
Schedule 'B'

Sd/-  
**MEMBER SECRETARY**

To  
M/s. IFFCO Kisan SEZ Limited,  
(Multi Product SEZ)  
26/1/1766/A1, Srinagar Colony,  
Nellore district - 524003

/// T.C.F.B.O///



**JOINT CHIEF ENVIRONMENTAL ENGINEER(CFE)**

Bv 64  
30/4

#### **SCHEDULE - A**

1. Progress on implementation of the project shall be reported to the concerned Regional Office, A.P. Pollution Control Board once in six months.
2. Separate energy meters shall be provided for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed.
3. The proponent shall obtain Consents for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.
4. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
5. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.
7. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The industry shall maintain a good housekeeping. All pipe valves, sewers, drains shall be leak proof. Dyke walls shall constructed around storage of chemicals.
8. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site. The proponent shall ensure that effluent shall not enter the Rain Water harvesting structure.
9. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public Liability Insurance Act, 1991 shall be followed.
10. This order is valid for period of 5 years from the date of issue.

#### **SCHEDULE - B**

##### **Water:**

1. The source of water is Kanigiri Reservoir. The maximum permitted water consumption is 19890.0 KLD.

| Sl. No. | Purpose                         | Quantity (KLD) |
|---------|---------------------------------|----------------|
| 1.      | Residential                     | 3630.0         |
| 2.      | Nursery & Green Houses          | 7534.0         |
| 3.      | Power Plant                     | 2411.0         |
| 4.      | Processing, Storage             | 3424.0         |
| 5.      | Diary, Poultry/ Meat processing | 699.0          |
| 6.      | Chicken or other live stock     | 384.0          |
| 7.      | Dairy                           | 1479.0         |
| 8.      | Stable cleaning                 | 329.0          |
|         | <b>TOTAL</b>                    | <b>19890.0</b> |

2. The proponent while issuing the allotment letter to individual member units shall specifically mention the allowable maximum quantity of water usage and effluent generated by each member unit.
3. The maximum Waste Water Generation (KLD) shall not exceed the following:

| Sl. No. | Source                 | Quantity (KLD) |
|---------|------------------------|----------------|
| 1.      | Residential            | 2712.0         |
| 2.      | Nursery & Green Houses | 1644.0         |
| 3.      | Power Plant            | 603.0          |
| 4.      | Processing, Storage    | 2740.0         |
| 5.      | Dairy, Poultry         | 438.0          |
| 6.      | Meat processing        | 110.0          |
| 7.      | Dairy                  | 1233.0         |
| 8.      | Stable cleaning        | 274.0          |
|         | <b>TOTAL</b>           | <b>9754.0</b>  |

**Treatment & Disposal:**

4. For process effluents generated by individual industries in the proposed SEZ will be treated by the respective industries in their individual units ETP's to meet the standards and treated effluent will be reused for green belt development.
5. For the sewage from domestic activities generated from the individual units will be collected and sent for final treatment at Common Sewage Treatment Plant (CSTP) system will be designed to treat the domestic effluents, which comprises of Bar screens, Grit Chamber, Aeration Tank, Sludge settling Tank, Excess Sludge dewatering & drying etc.
6. The storm water generated within the Park shall be planned in such a manner that the storm water drainage network and effluent network are independent of each other. The storm water collected shall be routed through rain water harvesting pits and excess rain water shall be stored in summer storage tanks.
7. The developer shall install oil water separators at individual industries and at the inlet of the summer storage tanks.
8. The effluents shall be treated to the on land standards, stipulated under Environment (Protection) Rules, 1986, notified and published by Ministry of Environment and Forests, Government of India as specified in Schedule VI vide G.S.R.422 (E), dt.19.05.1993 and its amendments thereof, and additional standards / conditions stipulated by APPCB.
9. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
  - a) Industrial cooling, boiler feed.
  - b) Domestic purposes.
  - c) Processing, whereby water gets polluted and pollutants are easily bio-degradable.
  - d) Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.

**Air:**

10. The proponent shall comply with the following:

| Sl. No. | Details of stack          | Stack 1            | Stack 2            | Stack 3               | Stack 4                     |
|---------|---------------------------|--------------------|--------------------|-----------------------|-----------------------------|
| a)      | Attached to               | Boiler             | Boiler             | Boiler                | Boiler for 40 MW            |
| b)      | Capacity                  | 1 x 6 TPH (Dairy)  | 1 x 6 TPH (Dairy)  | 1 x 2 TPH (Rice Mill) | 1x 135 TPH                  |
| c)      | Fuel quantity             | Rice Husk - 50 TPD | Rice Husk - 50 TPD | Rice Husk - 20 TPD    | Natural gas - 0.18 MMSCMD   |
| d)      | Stack height (above roof) | 30m.               | 30m.               | 30m.                  | 20m.                        |
| e)      | Diameter                  | 0.7m               | 0.7m               | 0.5m                  | 1.5m                        |
| f)      | Control equipment.        | Bag filters        | Bag filters        | Bag filters           | Low NO <sub>x</sub> Burners |

| Sl. No | Details of stack          | Stack 5                     | Stack 6                     | Stack 7            | Stack 8          |
|--------|---------------------------|-----------------------------|-----------------------------|--------------------|------------------|
| a)     | Attached to               | Boiler for 20 MW            | Boiler for 55 MW            | Boiler for 5 MW    | Boiler for 10 MW |
| b)     | Capacity                  | 1x 70 TPH                   | 1x 200 TPH                  | 1x 800 TPH         | 1x 800 TPH       |
| c)     | Fuel quantity             | Natural gas - 0.09 MMSCMD   | Natural gas - 0.25 MMSCMD   | Bio gas - 10.0 TPD |                  |
| d)     | Stack height (above roof) | 15m.                        | 20m.                        | 10m.               | 13m.             |
| e)     | Diameter                  | 1.5m                        | 1.5m                        | 0.7m               | 0.7m             |
| f)     | Control equipment.        | Low NO <sub>x</sub> Burners | Low NO <sub>x</sub> Burners | Bio Scrubber       | Bio Scrubber     |

11. The proponent shall obtain separate CFE order for central gas fired power plant of 220 MW and Biomass Power plant of 70 MW after obtaining separate E.C. for the power plant.
12. Adequate measures shall be taken to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.
13. Ambient noise levels should conform to the residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by the CPCB.
14. All the internal roads shall be concerted / asphalted to control fugitive emissions.
15. All the raw material & solid waste shall be accommodated in closed shed with required safety ventilation as approved by the competent authorities. There shall not any open piling.

16. Regular monitoring of ambient air shall be done in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx in wind direction and in the nearest village / habitation in which peak ground level concentration is level is expected in consultation with concerned Regional Officer of APPCB. Quarterly reports of the same shall be submitted to the Regional Officer.
17. The proponent shall control and eliminate the nuisance of house flies, Fruit flies or other flying pests by providing appropriate traps like Ultraviolet fly traps etc.,
18. The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, GoI vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.
19. The generators shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time. D.G. sets shall be provided with integral acoustic enclosure at manufacturing stage itself as per CPCB norms, and also with adequate stack heights.
20. A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.

**Solid Waste:**

21. The proponent shall comply with the following:

| S. N | Solid waste generated from                                                | Quantity             | Method of disposal    |
|------|---------------------------------------------------------------------------|----------------------|-----------------------|
| 1)   | Chicken slaughter waste from Slaughter house                              | 100.0 TPD            | Composting            |
| 2)   | Domestic Waste from Residential                                           | 6.0 TPD              | Composting            |
| 3)   | Ash from Bio Mass Power Plants                                            | 500.0 TPD            | Brick industries      |
| 4)   | Recyclable waste (Paper, parking, scrap etc. from office/individual units | 2.0 TPD              | Authorized recyclers  |
| 5)   | ETP & STP sludge                                                          | 1.0 TPD<br>(0.8+0.2) | Manure for the plants |

22. The solid waste generated shall be properly collected and segregated before disposal.
23. The proponent shall approach the Board with details of TSDF for approval.
24. The proponent shall furnish the details of composting / vermi-composting facilities to the Board.



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25. All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
  26. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and shall be disposed by taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.

**Other Conditions:**

27. The proponent shall allocate a minimum of 1% of its project cost of Rs. 560.0 crores towards CSR activities during construction period and 0.20 % of the project cost per year during operational period for 10 years.
28. The proponent shall expedite the permissions from Irrigation Department for usage of tanks for summer storage purpose.
29. The Developer shall sell / lease / give the industrial plots to the proponents who proposed to establish industries as mentioned in the E.C. order, such that Air & Water pollution problems are envisaged to be minimum on the surroundings.
30. Ready mix concrete shall be used in building construction. The Developer may use Pozzalona Portland Cement (PPC), PSC & other blended cements to the maximum extent possible for building construction.
31. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
32. The proponent shall comply with Energy efficient practices and energy audit practices. Wherever feasible, green building concepts shall be adapted.
33. The proponent shall provide sufficient parking space for visitors in the SEZ..
34. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid systems or fully solar system for a portion of the apartments.
35. Ambient Air quality shall be regularly monitored at the industry premises and in the predominant wind direction. The location of continuous monitoring stations shall be fixed in consultation with concerned R.O., APPCB.
36. The following rules and regulations notified by the MOE&F, GOI shall be implemented.
  - a) Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008.
  - b) The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
  - c) The Bio-Medical Waste (Management & Handling) Rules, 1998.
  - d) The Municipal Solid Wastes (Management and Handling) Rules, 2000
  - e) The Noise Pollution (Regulation and Control) Rules, 2000
  - f) The Batteries (Management and Handling) Rules, 2001
  - g) The Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.
  - h) E-Waste (M & H) Rules, 2012 w.e.f. 01.05.2012.

37. The proponent shall obtain clearance from concerned department to draw water.
38. Green belt of atleast 20 m width shall be developed all along the boundary of the SEZ to maintain minimum area of greenbelt of 620 acres by the SEZ. Green belt development shall be started along with the construction activity. Individual units shall maintain greenbelt in an area of 33% acres of their total area.
39. The recommendations / commitments made during the Public Hearing held on shall explicitly be followed from pollution control point of view.
40. The individual industrial units proposed to be located in the SEZ have to obtain CFE & CFO and authorization for hazardous waste disposal etc., from APPCB as per provisions under different Acts.
41. The proponent shall comply with all the directions issued by the Board from time to time.
42. The Board reserves its right to modify above conditions or stipulate any further conditions in the interest of environment protection.
43. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.

**Sd/-**  
**MEMBER SECRETARY**

To  
M/s. IFFCO Kisan SEZ Limited,  
(Multi Product SEZ)  
26/1/1766/A1, Srinagar Colony,  
Nellore district - 524003

/// T.C.F.B.O///



JOINT CHIEF ENVIRONMENTAL ENGINEER(CFE)

B.S.S.  
30/1

## **Annexure-5**

### **Consent for Establishment Extension Order**



**EXTENSION OF VALIDITY OF CONSENT ORDER FOR ESTABLISHMENT**

**Order No. 195 /APPCB/CFE/RO-NLR/HO/2012**

**Dt: 16.07.2017**

**Sub:** APPCB – CFE – M/s. IFFCO Kisan SEZ Ltd, Racharlapadu (V), Kodavalur (M),  
SPSR Nellore District – Extension of validity of CFE order - issued - Reg.

**Ref:** 1. EC order dt. 22.06.2011 issued by MoE&F, Gol, New Delhi.  
2. CFE order No. 195/PCB/CFE/RO-NLR/HO/2012, dt. 28.04.2012.  
3. Industry's request lr. dt. 06.06.2017.  
4. RO report dt. 07.06.2017.  
5. CFE Committee meeting held on 04.07.2017.

M/s. IFFCO Kisan SEZ Limited had obtained Environmental Clearance (EC) vide reference 1<sup>st</sup> cited, from MoE&F, Gol, New Delhi for setting up of a Agro Park at **Racharlapadu (V), Kodavalur (M), SPSR Nellore Dist.** As per the EIA Notification and subsequent Amendment Notification dt. 29.04.2015, the validity period of EC is 7 years i.e., **upto 21.06.2018.**

The Board issued CFE order vide reference 2<sup>nd</sup> cited, with a valid period of 5 years i.e., upto 27.04.2017.

The industry vide reference 3<sup>rd</sup> cited, requested for extension of validity period of CFE order for further period of three years i.e up to **27.04.2020**, as the implementation of the project would take to three more years for completing the infrastructure facilities.

This item was placed before the CFE Committee in its meeting held on 04.07.2017. The Committee has recommended to extend the validity of the CFE order as requested by the industry.

The Board, after careful scrutiny of the request of the industry and recommendation of the CFE Committee hereby issues **EXTENSION OF VALIDITY PERIOD OF CONSENT FOR ESTABLISHMENT** to your unit Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under with the following conditions:

- The validity period of the CFE order is extended upto 27.04.2020.
- The proponent shall obtain necessary amendment to the EC order extending the validity of EC order upto 27.04.2020.
- All other conditions stipulated in the CFE order shall remain the same.

To  
M/s. IFFCO Kisan SEZ Ltd,  
Adjacent to NH: 16,  
Racherlapadu Village & Post,  
Kodavaluru (M),  
SPSR Nellore District-524319.

**MEMBER SECRETARY**

Copy to: 1. The JCEE, ZO: Vijayawada for information and necessary action.  
2. The EE, RO: Nellore for information and necessary action.

**B S S Prasad**

Digitally signed by B S S Prasad  
Date: 2017.07.17 12:11:58  
+05'30'

**Annexure-6**

**Consent For Operation Order**





**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
D. No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,  
Chalamalavari Street, Kasturibaipet, Vijayawada - 520010  
Website: [www.pcb.ap.nic.in](http://www.pcb.ap.nic.in)

### RED CATEGORY

### CONSENT & AUTHORIZATION ORDER

**Consent Order No: APPCB/VJA/NLR/HO/CFO/2020      Date:02/07/2020**

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 & Amendments thereof and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. IFFCO Kisan SEZ Limited,  
Racharlapadu (V), Kodavalur (M),  
SPSR Nellore District  
E-mail: [ceooffice@iffcosez.in](mailto:ceooffice@iffcosez.in)**

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

**i. Outlets for discharge of effluents :**

| Outlet No. | Outlet Description | Max Daily Discharge (KLD) | Point of Disposal                                                                                                                                                                             |
|------------|--------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1          | Trade Effluents    | ---                       | Shall be treated in their individual ETPs by the respective industries and after treatment, the treated waste water shall be utilized within the industry premises for greenbelt development. |
| 2          | Domestic           | 3.0                       | Shall be treated in the common STP and after treatment, the treated domestic waste water shall be utilized for greenbelt development and landscapes.                                          |

**ii. Emissions from chimneys:**

| Chimney No. | Description of Chimney                     | APCE provided | Present Status |
|-------------|--------------------------------------------|---------------|----------------|
| 1           | Stack attached to 1 x 6 TPH Boiler (Diary) | Bag filters   | Not installed  |

|   |                                                      |                    |                                                                                                                                                                                                                                                                          |
|---|------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | Stack attached to 1 x 6 TPH Boiler (Diary)           | Bag filters        | Not installed                                                                                                                                                                                                                                                            |
| 3 | Stack attached to 1 x 2 TPH Boiler (Rice Mill)       | Bag filters        | Not installed                                                                                                                                                                                                                                                            |
| 4 | Stack attached to 1 x 135 TPH Boiler for 40 MW       | Low Nox Burners    | <b>As per industry's Lr.Dt.17.06.2020, the proposals of power generation of 420 MW capacity (including Natural gas based central plant of 220 MW, Bio mass based plant of 70 MW and Natural gas &amp; Bio gas based plant of De-central plant of 130 MW) was dropped</b> |
| 5 | Stack attached to 1 x 70 TPH Boiler for 20 MW        | Low Nox Burners    |                                                                                                                                                                                                                                                                          |
| 6 | Stack attached to 1 x 200 TPH Boiler for 55 MW       | Low Nox Burners    |                                                                                                                                                                                                                                                                          |
| 7 | Stack attached to 1 x 800 TPH Boiler for 5 MW        | Bio Scrubber       |                                                                                                                                                                                                                                                                          |
| 8 | Stack attached to 1 x 800 TPH Boiler for 10 MW       | Bio Scrubber       |                                                                                                                                                                                                                                                                          |
| 9 | Stack attached to 1 x 35 KVA DG Set (Admin building) | Acoustic enclosure | Installed                                                                                                                                                                                                                                                                |

**iii) Hazardous Waste Authorisation (Form – II) [See Rule 6 (2)]:**

M/s. IFFCO Kisan SEZ Limited, SPSR Nellore District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

**• Hazardous Waste with Disposal Option:**

| S.No | Type of Hazardous waste      | Stream            | Quantity | Mode of disposal                           |
|------|------------------------------|-------------------|----------|--------------------------------------------|
| 1.   | Waste oil from 35 KVA DG Set | 5.1 of Schedule-I | 15 LPA   | Shall be disposed to authorized recyclers. |

**This consent order is valid to produce the following products along with quantities indicated only:**

| S.N | Consent quantities                                                                                                                                                                                                                                                             |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Two No. of units (Grading and repacking of onions, chillies, coir rope unit and wind mill blade manufacturing unit) established in an extent of 52 Acres and one unit committed to set up in 100 Acres.<br>APSPDCL electrical substation (220KVA/ 132KVA/33KV) was established |

|  |                                                                                                                                                                                                                                                                          |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | towards North-West corner.                                                                                                                                                                                                                                               |
|  | <b>As per industry's Lr.Dt.17.06.2020, the proposals of power generation of 420 MW capacity (including Natural gas based central plant of 220 MW, Bio mass based plant of 70 MW and Natural gas &amp; Bio gas based plant of De-central plant of 130 MW) was dropped</b> |

This order is subject to the provisions of 'the Acts' and the Rules' and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the **30.04.2025**.

**DR. B.MADHUSUDHANA RAO, JCEE(MSRB), O/o JOINT  
CHIEF ENVIRONMENTAL ENGINEER-4-APPCB**

**To  
M/s. IFFCO Kisan SEZ Limited,  
Racharlapadu (V), Kodavalur (M),  
SPSR Nellore District  
E-mail: ceooffice@iffcosez.in**

**Copy to:**

1. The JCEE, ZO: Vijayawada for information and necessary action.
2. The EE, RO: Nellore for information and necessary action.

**SCHEDULE-A**

1. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board.
2. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
3. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit the same to the Board.
4. The applicant shall submit Environment statement in Form V before 30<sup>th</sup> September every year as per Rule No.14 of E (P) Rules, 1986 & amendments thereof.
5. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the

purpose of the Acts by the Board.

6. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
7. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
8. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
9. The industry shall be liable to pay Environmental Compensation, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.

#### **SCHEDULE-B**

Time bound action for the non-compliances and with conditions that

#### **Water Pollution:**

1. The source of water is being from Kanigiri Reservoir by water tankers. The SEZ applied for CFO for the following water consumption :

| <b>S.N.</b> | <b>Purpose</b>                  | <b>Quantity (KLD)</b> |
|-------------|---------------------------------|-----------------------|
| 1.          | Residential                     | ---                   |
| 2.          | Nursery & Green Houses          | ---                   |
| 3.          | Power Plant                     | ---                   |
| 4.          | Processing, Storage             | ---                   |
| 5.          | Diary, Poultry/ Meat Processing | ---                   |
| 6.          | Chicken or Other live stock     | ---                   |
| 7.          | Diary                           | ---                   |
| 8.          | Stable cleaning                 | ---                   |
| 9.          | Domestic                        | 5.0                   |
| 10.         | Greenbelt                       | 45.0                  |
|             | <b>Total</b>                    | <b>50.0</b>           |

2. The SEZ has to confine to the project cost of Rs.560 Crores, as per CFE Order

on which CFO fee to be paid from time to time for obtaining CFO for entire SEZ for the activities given CFE order in an extent of 2776 acres,

3. The SEZ has to allot plots in Agro Park to the Agro Based units only, if any deviation in allocation of plots to other than Agro Based industries, the SEZ Authority shall inform to the MoEF&CC and to the Board from time to time. Any industrial activity proposed in SEZ attracts EIA Notification, shall be permitted duly after obtaining the EC only.
4. The CFO order was issued subject to the outcome of final orders of the cases pending before the Hon'ble Courts.
5. Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.
6. The SEZ shall provide digital flow meters with totalisers for assessing water supplied to individual industries and shall maintain records.
7. The SEZ shall enhance the treatment capacity of STP from time to time, as and when a new activity / industry proposed in the SEZ to meet the domestic effluents treatment capacity of such units and to meet the Common STP capacity of 2.7 MLD, as permitted in CFE Order. All domestic effluents shall be routed to Common STP.
8. The SEZ shall take all necessary measures for constructing ETPs by individual units, those acquired land/ plots in SEZ for treating trade effluents generated from their individual units and treated effluents shall be utilized within the industry premises. Such units shall route their domestic effluents to Common STP of the SEZ.
9. All the effluent storage tanks shall be constructed above the ground level to prevent ground water pollution.
10. The SEZ shall construct the storm water drainage network and industrial effluents/ domestic effluents are independent of each other. The storm water collected shall be routed to Rain water harvesting pits and excess rain water shall be stored in summer storage tanks.
11. The SEZ shall utilize the treated sewage effluents for green belt development in and around within the SEZ area and under any circumstances the treated sewage or industrial effluents shall be discharged to spring channels/ flood receding channels passing through the SEZ area and outside the SEZ area.
12. The park shall evaluate the performance of STP and submit 3<sup>rd</sup> party analysis reports to the Board, once in three months.

### **Air Pollution:**

9. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

| Chimney No. | Present Status                                      | Parameter | Limiting Standards for Stack |
|-------------|-----------------------------------------------------|-----------|------------------------------|
| 1 to 3      | Not yet installed<br>(Boilers in Dairy & Rice Mill) | SPM       | 115 mg/Nm <sup>3</sup>       |
| 4 to 8      | <b>As per industry's Lr.Dt.17.06.2020,</b>          | SPM       | Not Applicable               |



|   |                                                                                                                                                                                                                                      |     |                        |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------|
|   | <b>the proposals of power generation of 420 MW capacity (including Natural gas based central plant of 220 MW, Bio mass based plant of 70 MW and Natural gas &amp; Bio gas based plant of De-central plant of 130 MW) was dropped</b> |     |                        |
| 9 | Installed                                                                                                                                                                                                                            | SPM | 115 mg/Nm <sup>3</sup> |

10.The SEZ shall comply with ambient air quality standards of PM<sub>10</sub> (Particulate Matter size less than 10mm) - 100 mg/ m<sup>3</sup>; PM<sub>2.5</sub> (Particulate Matter size less than 2.5 mm) - 60 mg/ m<sup>3</sup>; SO<sub>2</sub> - 80 mg/ m<sup>3</sup>; NO<sub>x</sub> - 80 mg/m<sup>3</sup>, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 and its Amendments issued time to time.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time(10 PM to 6 AM) - 70 dB (A)

11.The SEZ shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

12.A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the all the stacks at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.

13.The SEZ shall ensure compliance of the National Ambient Air quality standards notified by MoEF, GoI vide notification No. GSR. 826 (E), dated. 16.11.2009 and its Amendments issued time to time and during construction and regular operational phase of the project at the periphery.

### **General:**

14.In compliance to the CFE Order dt. 28.04.2012, the SEZ Authority shall allocate a minimum of 1% of its project cost of Rs.560 Crores towards CSR activities during construction period and 0.2% of project cost per year during the operational period for 10 years. The CSR activities may be taken up by the authority or fund may be spent through the District Administration.

15.The SEZ shall obtain CFE amendment for i) dropping the proposal of power generation of 420 MW from bio mass & natural gas, ii) changes in water consumption, iii) changes in waste water generation, iv) inclusion of DG set at admin building, v) changes in Emission from chimneys, vi) changes in stacks, vii) inclusion of waste oil from DG set as Hazardous waste and viii) changes in solid waste generation etc.

16.The SEZ shall furnish undertaking on dropping the proposal of power

generation of 420 MW from bio mass & natural gas as permitted in EC (290 MW) & CFE (420 MW) as reported in the CFO Committee meeting held on 16.06.2020, within 15 days.

17. The SEZ shall allocate the land of Power plants, those dropped their proposal, to the Agro Based units only, as per the EC and CFE orders and the SEZ shall obtain the Amendment of EC & CFE for the revised pollution loads.
18. The SEZ Authority shall take all necessary measures for providing Air Pollution Control Equipments and ETPs by individual industrial units coming in SEZ Area.
19. The SEZ shall develop 20 mts width green Belt around the SEZ area in an extent of 620 Acres by 02.07.2021 and treated sewage shall be utilized for green belt development and the SEZ Authority shall take necessary measures for development of green belt in individual industrial establishments to meet the 33% green belt within the acquired SEZ area.
20. The SEZ shall segregate the dry waste & wet waste separately and shall provide in-house compost plant with material recovery facilities for segregating recyclable waste separately.
21. The SEZ shall dispose the Domestic and Kitchen Waste for bio-compost and the compost shall be utilized within the premises for greenbelt development.
22. The SEZ shall dispose the Plastic waste to authorized recyclers as per Plastic Waste Management Rules, 2016.
23. The SEZ shall store the e-Waste of LED & CFL bulbs safely and dispose the same to authorized recyclers as per e-Waste Management Rules, 2016.
24. The SEZ shall promote usage of energy efficient electrical systems viz., usage of CFL lamps instead of Incandescent lamps etc and shall explore the possibility of usage of solar energy for usages such as water heating, street lighting etc in SEZ area.
25. Any Hazardous waste including biomedical waste shall be disposed of as per the Rules & Norms in vogue, duly obtaining necessary approvals of the Board and other concerned authorities.
26. The SEZ shall implement the following rules and regulations notified by the MOE&F, GoI and CPCB time to time.
  - a. Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008.
  - b. The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
  - c. The Bio-Medical Waste (Management & Handling) Rules, 1998.
  - d. The Municipal Solid Wastes (Management and Handling) Rules, 2000
  - e. The Noise Pollution (Regulation and Control) Rules, 2000
  - f. The Batteries (Management and Handling) Rules, 2001
  - g. The Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.
  - h. E-Waste (M.& H) Rules, 2012 w.e.f. 01.05.2012. 28. The SEZ shall dispose solid waste (NON HAZARDOUS) as follows:

| S.N | Name of the Solid Waste | Quantity | Disposal                    | Present Status |
|-----|-------------------------|----------|-----------------------------|----------------|
| 1.  | Chicken                 | 100 TPD  | At present no Chicken waste | Not installed  |

|    |                                            |                   |                                                                                 |                                       |
|----|--------------------------------------------|-------------------|---------------------------------------------------------------------------------|---------------------------------------|
|    | Slaughter Waste                            |                   | is generating.                                                                  |                                       |
| 2. | Domestic Waste                             | 6.0 TPD           | The Domestic wastes from the admin building is disposing in the own compost pit | Under operation                       |
| 3. | Ash                                        | 500 TPD           | At present no ash is generating.                                                | Proposal dropped                      |
| 4. | Recycling Waste Paper, Parking, Scrap etc. | 2.0 TPD           | The wastes from the admin building is disposing in the own compost pit          | Under operation                       |
| 5. | ETP & STP Sludge                           | 1.0 TPD (0.8+0.2) | STP sludge utilizing as manure                                                  | 16 KL capacity STP is under operation |

29. The SEZ shall comply with standards and directions issued by CPCB / MoEF&CC, as and when such notifications are issued.
30. The SEZ authority shall comply with the standards stipulated for Air & Water, in case of non compliance, the SEZ is liable for Environmental Compensation, as per the Central Pollution Control Board (CPCB) assessing methodology of Environmental Compensation.
31. The SEZ shall submit compliance report on the conditions mentioned in the consent order every six months i.e., on 1<sup>st</sup> of January and July of every year to the RO / ZO.

### **SCHEDULE – C**

***[See rule 6 (2)]***

#### **[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]**

1. The SEZ authority shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The SEZ authority shall not rent, lend, sell, transfer or otherwise transport the Hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The SEZ authority shall take all necessary measures for handling and storage of toxic / flammable / hazardous chemicals in SEZ area, as per the Manufacture, Storage and Import of Hazardous Chemical (MSIHC) Rules, 1989.
6. The SEZ authority shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
7. The SEZ authority shall comply with the provisions outlined in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste

- and Penalty”.
8. It is the duty of the SEZ authority to take prior permission of the State Pollution Control Board to close down the facility.
  9. An application for the renewal of an authorisation shall be made as laid down under these Rules.
  10. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
  11. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.
  12. The SEZ authority shall not store hazardous waste for more than 90 days as per the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016.
  13. The authorised person shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
  14. The authorised person shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned RO of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
- 15.** The authorised person shall maintain proper records for Hazardous & other wastes stated in Authorization in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 6 (5) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof by June 30th for the period ensuring 31st March of the year.
- 16.** The authorised person shall submit the condition wise compliance report of the conditions stipulated in Schedule A, B & C of this Order on half yearly basis to Board Office and concerned Regional Office.

**DR. B.MADHUSUDHANA RAO, JCEE(MSRB),  
O/o JOINT CHIEF ENVIRONMENTAL  
ENGINEER-4-APPCB**

**To**

**M/s. IFFCO Kisan SEZ Limited,  
Racharlapadu (V), Kodavalur (M),  
SPSR Nellore District  
E-mail: ceooffice@iffcosez.in**

**Annexure-7**  
**Water Agreement Copy**





**GOVERNMENT OF ANDHRA PRADESH  
I & C.A.D. DEPARTMENT**

Name of work: PERMISSION FOR THE DRAWAL OF 10  
MGD OF WATER FROM KANIGIRI  
RESERVOIR BY M/S. IFFCO KISAN SEZ AT  
RACHARLAPADU (V) IN KODAVALUR (M)  
OF S.P.S.R. NELLORE DISTRICT.

**Agt. No.24 SE/2011-12, Dt. 14.11.2011**

**OFFICE OF THE SUPERINTENDING ENGINEER  
IRRIGATION CIRCLE, NELLORE  
ANDHRA PRADESH**

**Phone / Fax No.: 0861 - 2327658**





ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

AR 864066

No. 611 Date 14/09/2011 Rs. 100/-

Issued to IFFCO KISAN SEZ Rep. by C.G.O. M. Rajasekharaiah  
S/o Rajaiah, Nellore

Whom Self

10880  
K. SATYA SAI KRISHN  
Licensed Stamp Vendor  
L. No. 0919005/2011-20  
25-2-918, 2nd Street, Savithri Nagar  
NELLORE-4. Cell : 99484 72

### AGREEMENT

Agreement for the drawal of 10 MGD of water from Kanigiri Reservoir by  
M/s. IFFCO KISAN SEZ at Racharlapadu (V) in Kodavalur (M) of S.P.S.R. Nellore  
District of M/s. IFFCO KISAN SEZ LTD., Hyderabad.

\*\*\*

Agreement made between his Excellency the Governor of Andhra Pradesh  
represented by the Superintending Engineer, Irrigation Circle, Nellore (hereinafter called  
the Government) and M/s IFFCO KISSAN SEZ at Racharlapadu (V) of Kodavalur (M)  
of S.P.S.R. Nellore District. (herein after called the Company)

Agt. No.:

*M. Rajasekharaiah*  
(M. RAJASEKHARAIAH)  
C.E.O.  
IKSEZ - Nellore,

*S. Satya Sai Krishn* 14/09/2011  
Superintending Engineer, I & CAU  
IRRIGATION CIRCLE, NELLORE.



This Agreement made on this day...14/11/2011... between his Excellency the Governor of Andhra Pradesh represented by the Superintending Engineer Irrigation Circle S.P.S.R.Nellore (here in after called "the supplier" which expression shall where the context admits include his successors in office and assigns) of the one part and M/S.IFFCO Kisan Sez Limited, Nellore (herein after called "the company" which expression shall where context admits include his successors, and assignees) of the other part.

Whereas the company has applied to the Government of Andhra Pradesh (herein in After called "Government") for a license to draw 10 M.G.D. of water for a period of 10 years from Kanigiri Reservoir from the date of first drawl and use in manner and subject herein mentioned from Kanigiri reservoir A.P. State for the purpose of setting up IFFCO Kisan SEZ, which the Governor has agreed to grant a license (vide Government of Andhra Pradesh, Irrigation & CAD (Irr.VII-1) Department order G.O.Ms.No.08 I&CAD (PW/ Re forms Dept. Dated 25.01.2010 and the company has agreed to accept the license herein after described on the terms and conditions herein contained (and where as the company has paid the sum of Rs.30,38,000/- (Rupees Thirty lakhs thirty eight thousands only) vide demand draft) No. 2266.53..... drawn on

Rs. 9,00,000/- Dt. 17-9-2011 (3) 226654, Dt. 17-9-2011, Rs. 9,00,000/- (3) 226655, Dt. 17-9-2011, Rs. 9,00,000/- (4) 226654, Dt. 17-9-2011

Rs. 3,38,000/- issued by Indian Overseas Bank, Nellore as and for security for fulfillment and observance by if of the conditions, covenants and stipulations contained in these presents.

Now This Indenture Witness As Follows:

1. In pursuance of the said agreement and in consideration of the covenants and agreements on the part of the company herein after contained, the Governor hereby grants upto the company license and the authority to take and use the water drawn from Kanigiri Reservoir and Somasila

*M. Rajashekharaiyah*  
(M. RAJASHEKHARAIYAH)  
C.E.O.  
IKSEZ - Nellore.

*Superintending Engineer*  
Superintending Engineer,  
Irrigation Circle, Nellore



Reservoir for the purpose of setting up IFFCO Kisan SEZ the license being restricted to the portion of said source more particularly described in the schedule here to annexed thereon.

2. The following liberties are included in the said grant:

- a) The company is permitted to draw 10 M.G.D. of water from Kanigiri reservoir in a year. In scarcity years, for a period of 9 (nine) months only in the year subject to maintaining adequate summer storage during the period of canal closure from 2012 A.D.
- b) Additional requirement of 5 MGD can be considered after observing the performance of the new barrage at Sangam, functioning of Kanigiri Main Canal and Kanigiri Reservoir.
- c) Water will be made available to the company at source i.e. Kanigiri Reservoir.
- d) The company has to make its own arrangements for storing water for summer months in the summer storage reservoir by drawing additional water to a maximum quantity of 200 Mc.ft., during flood days through Kanigiri Reservoir.
- e) The company has to convey water its project site from Kanigiri Reservoir through a closed conduit, at its own cost.
- f) The company has been permitted to lift water from Pyderu drain in terms of exigencies to store in summer storage reservoir in their site as a measure of safety.

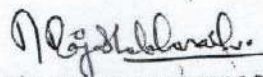
3. The supplier in no way be responsible for non supply of water at source due to reasons which are beyond the control of the supplier. The company shall invariably store water in its premises'.

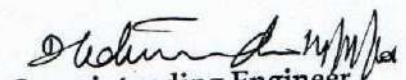
*(M. RAJASHEKHARAIAN)*  
C.E.O.  
IKSEZ - Nellore.

*(Signature)*  
Superintending Engineer,  
Irrigation Circle, Nellore



4. The license, liberties and privileges here by granted shall be held and exercised by the company from the day of 1st drawl for a period of 10 years.
5. The company shall pay water charges of Rs.4.50 (Rupees Four and paise fifty only) per 1000 gallons or at any other rate, fixed by the Government from time to time payable every month, as agreed with the supplier. This rate is subject to revision by the Government from time to time.
6. The company to the intent that the obligation may continue throughout the continuance of this grant covenants hereby with the Governor as follows.
  - I. To pay the water charges referred to, in clause 5 above at the time and in the manner aforesaid. The water charges shall be payable for the estimated quantity in advance at the start of the financial year i.e. before 10th April of every year against the bills raised by the Department.
  - II. If the company fails to pay to the Government, the water charges and other amounts (if any) payable under these presents on the respective dates on which they are made payable here under, the company shall pay interest @ 12% per annum on such amounts from the dates on which they were so payable until the date of payment or recovery.
  - III. a) To keep the Government indemnified against proceedings, cost and expenses in relation to injury or loss or otherwise arising out of the escape of water from the said water way and pipelines due to bursting or collapse thereof, or leakage from the same and for all loss or damage caused by an over flow of water over the banks of the stream which is due to

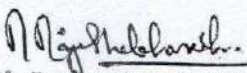
  
 (M. RAJASHEKHARAIYAH)  
 C.E.O.  
 IKSEZ - Nellore.

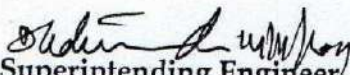
  
 Superintending Engineer,  
 Irrigation Circle, Nellore



any dam or other obstruction erected in connection with this grant and for all loss of damage due to the failure of any other worked constructed in connection with the grant except loss of damage arising from force majeure.

- b) To install and maintain water meter or suitable measuring device of approved quality at the cost of the company both for intake and outlet points, to measure the water consumed, and to limit the quantum of water to the maximum allowed. The meter reading shall be intimated to the department every month, the Executive Engineer Nellore Central Division, Nellore or his authorized representative at all times. When water meter fails or when in the opinion of the supplier that the meter is not functioning satisfactorily, the supplier will go through the facts and figures as put forth by the company and take decision at his discretion and the decision of the supplier in assessment of quantum of water drawn or let out is final.
- IV) To pay the Government or their tenants reasonable compensation or damage caused to them or their lands by the exercise of the liberties herein granted.
- V) To keep the Government indemnified against all actions, proceedings, claims and demands in respect of any injury damage or liability to other by reason of any thing done by the company in exercise of or imperforated exercise of the rights, liberties and privileges hereby granted.
- VI) To permit the superintending Engineer, Irrigation Circle, Nellore, his officers and other persons authorized on his behalf at all reasonable times to enter upon, inspect and examine the Kisan SEZ

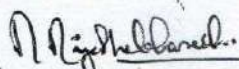
  
(M. RAJASHEKHARAIAN)  
C.E.O.  
IKSEZ - Nellore.

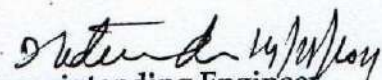
  
Superintending Engineer,  
Irrigation Circle, Nellore



the machinery therein and every part thereof, intake structure, water way and pipe lines for the purpose of ascertaining whether the conditions of the license are being duly complied with.

- VII) Not to assign, underlet or part with the possession and benefit of the said company or of the liberties and privileges hereby granted or any part thereof, without first obtaining the written consent of the Government.
- VIII) Not without the previous consent in writing of the Government had obtained to add, any new or additional machinery or replace the machinery already installed at the time to the grant provided that any part or parts of the same may be renewed without such consent.
- IX) Water shall be drawn by the company from the Kanigiri Reservoir, Andhra Pradesh through a closed conduit, at its own cost and necessary arrangements including taking up civil works there to should be attended by Company.
- X)
  - a) No field budhi or pipe line should be taken through or along Government land without prior approval of the Government.
  - b) No cross bund or structures should be placed across any irrigation source for drawing water by the company. No sub-soil water shall be drawn during any period without the written permission of the supplier.
- XI) The entire cost of laying pipe line, construction of C.M. and C.D. works including their maintenance should be borne by the company.

  
 (M. RAJASHEKHARAIYAH)  
 C.E.O.  
 IKSEZ - Nellore.

  
 Superintending Engineer,  
 Irrigation Circle, Nellore



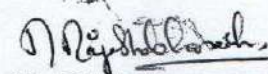
- XII) The company has to construct sluice with regulating arrangements for drawing water from Kanigiri Reservoir at its own cost.
- XIII) The prior concurrence of the Roads and Buildings Department or Panchayat Raj Department should be obtained by the company for laying of pipe line, if any, across the roads, etc.
- XIV) The company shall furnish the details of the proposed pipe line, location plan, etc., to the Government. The Superintending Engineer, Irrigation Circle Nellore shall fix the sill level of the proposed sluice etc.,
- XV) The location, erection and arrangements to draw water shall be in accordance with the plan approved by the supplier.
- XVI) In the event, the company drawing excess water beyond the fixed quantity as agreed by the Government with out prior consent of the Government, any if the same is noticed by the Government, subsequently, the Government shall be at liberty to impose penalty i.e., it may double the rates fixed in the agreement or as the Government deem fit.
- XVII) The company should make their own arrangements to dispose off the industrial effluent after treatment.
- XVIII) The company should not let out any effluent toxic or un-acceptable outside their premises and the provision for effluent treatment should be made to the satisfaction of A.P. Pollution control board.
- XIX) Violation of any of the conditions mentioned above, shall entitle the cancellation of permission granted for drawl of water without any notice.

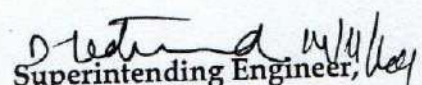
*M. Rajashekhariah*  
 (M. RAJASHEKHARIAH)  
 IKSEZ C.E.O.  
 IKSEZ - Nellore.

*Superintending Engineer*  
 Superintending Engineer,  
 Irrigation Circle, Nellore



- XX) The company has to abide by any other condition laid by the Irrigation Department from time to time.
- XXI) The Government of Andhra Pradesh shall have the right to modify or change or delete the terms and conditions of this agreement after giving one month notice to the company.
- xxii) The company has paid a sum of Rs.30,38,000/- (Rupees thirty lakhs thirty eight thousands only) in favour of the assistant pay & Accounts officer, Somasila Project, Nellore as and for security for due fulfillment and observance by him of the condition contained in the license, and the deposit will not bear any interest. The sum so deposited shall be liable for forfeitures to the Government under the orders of licensing authority in the event of failure by the company to fulfill and observe any conditions of the license. The company has to maintain a summer storage reservoir sufficient for a minimum period of 90 days (3 months) in their premises and the company shall keep the reservoir in full by drawing water, when the demand for Irrigation is less and shall not demand to storage requirements just before closure of the canal.
7. All sums due to the Government from the company shall be recovered from it, as if they are arrears of land revenue.
8. The Government here by covenants with the company that paying the sums of money and water charges herein before mentioned and performing and observing the several covenants and stipulations herein on its part contained shall hold and enjoy the benefits of the said company and the liberties and privileges hereby granted during the said terms without any interruption by the Government or any person claiming under or in trust for them.

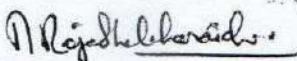
  
(M. RAJASHEKHARAIAH)  
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IKSEZ - Nellore

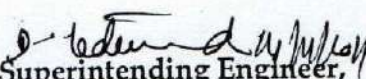
  
Superintending Engineer,  
Irrigation Circle, Nellore



Provided always and it hereby agreed as follows:

- I. The maximum effective capacity of the hydraulic machinery installed, excluding spare capacity to pump a maximum of 10 M.G.D. of water and in the event of the company requiring any increase on this maximum, the consent of the Government in writing shall first be obtained there to, the extent of such increase being stated and setforth in the consent (if granted) of the Government.
- II. The water taken for use shall not exceed a flow of 10 M.G.D. (Ten Million Gallans per day only)
- III. The Government shall not be responsible or liable to the company of any loss, damage or inconvenience which may happen by reason of the water in the said source from which the company obtains its water supply becoming dry or deficient in quantity unless such deficiency is directly caused by some act of the Government or is the resulting consequence there from
- IV. If the sums or money or water charges hereby reserved or any of them or any part thereof respectively shall be in arrears for the space of fifteen days next after the same have been lawfully demanded or incase in default shall be made in the observance or performance of any of the covenants on the part of the company herein before contained them and in either of the company at its registered office either by registered post or left thereon to determine these presents and the license hereby granted shall immediately cease and determine but without prejudice to any right of action or remedy of the Government in respect of any previous breach of any covenant on the part of the company herein

  
**(M. RAJASHEKHARAIYAH)**  
 C.E.O.  
 IKSEZ - Nellore.

  
 Superintending Engineer,  
 Irrigation Circle, Nellore



contained or in the alternative the Government may stop and prevent the taking and using by the company the water from the said source and for that purpose setup such structures, sluices, gates and other works as may be necessary until such sums of money as shall be in arrears shall be fully paid together with the expenses attending such hindrance or stoppage.

9. The sum of Rs.30,38,000/- (Rupees thirty lakhs thirty eight thousands only) deposited by the company under clause 6 section XXII or such portion thereof as may be returnable to the company shall be returned to the company on the expiration or sooner be returned to the determination of the terms here by created. In addition to the above the water royalty, the modus operandi, period of drawal all other terms & conditions imposed by the Government in Go.Ms.No. 08 I & CAD - (PW - Reforms) Department Dated 25.01.2010 shall hold good and these conditions imposed in the Go will remains inseparable part of the agreement and the company is bound by all the above conditions.
10. Except as otherwise provided in the Agreement any disputes and differences arising out of or relating to the agreement shall be referred to adjudication as follows:
  - i). Settlement of claims upto Rs.50,000/- in value and below by way of Arbitration to be referred as follows:
    - a. Claims upto Rs.10,000/- in value. Superintending Engineer, Irrigation Circle, Chittoor.
    - b. Claims above Rs.10,000/- and upto Rs.50,000/- in value. Chief Engineer, Sriramsagar Project, Hyderabad.

*M. Rajashekhariah*  
 (M. RAJASHEKHARIAH)  
 C.E.O.  
 IKSEZ - Nellore.

*P. Subramanian*  
 Superintending Engineer,  
 Irrigation Circle, Nellore



The arbitration proceedings will be conducted in accordance with the provision of the Arbitration and conciliation Act 1996 as amended from time to time. The Arbitrator shall invariably give reasons in the award.

- ii) Settlement of all claims above Rs.50,000/- in value. All claims above Rs.50,000/- in value shall be decided by the civil court of competent jurisdiction by way of a regular suit and not by arbitration.

In witness where of the superintending Engineer Irrigation Circle S.P.S.R. Nellore acting on behalf of and by the order and direction of his Excellency Governor of Andhra Pradesh as set hand and seal and the company here unto have set their respective hands and seal the day and year first above written.

Signed, sealed and delivered by  
the above named company in the  
presence of

*[Signature]*  
1. G. Narayana 14/11/2011  
Chief Liaison Officer  
IKSEZ, Nellore

*[Signature]*  
(M. RAJASHEKHARIAH)  
C.E.O.  
IKSEZ - Nellore.

*[Signature]*  
Superintending Engineer,  
Irrigation Circle, Nellore



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Impact Assessment Division)**

To,

The Chief Executive Officer

IFFCO KISAN SEZ –MULTIPRODUCT SEZ M/S. IFFCO KISAN SEZ LTD

Project Office, Village and Post. Racharlapadu, Adjacent to NH-5,  
Kodavaluru Mandalam, SPSR Nellore District,,Nellore,Andhra Pradesh-  
524319

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the Ministry vide proposal number  
IA/AP/NCP/241187/2021 dated 27 Nov 2021. The particulars of the environmental  
clearance granted to the project are as below.

- |                                               |                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. EC Identification No.                      | <b>EC22A031AP173057</b>                                                                                                                                     |
| 2. File No.                                   | 21-8/2010-IA.III                                                                                                                                            |
| 3. Project Type                               | Modernization7                                                                                                                                              |
| 4. Category                                   | A                                                                                                                                                           |
| 5. Project/Activity including<br>Schedule No. | 7(c) Industrial estates/ parks/ complexes/<br>areas, export processing Zones                                                                                |
| 6. Name of Project                            | IFFCO Kisan SEZ – Nellore Agro Park at<br>Racharlapadu Village, Kodavaluru Taluka,<br>SPSR Nellore District, Andhra Pradesh by<br>M/s. IFFCO Kisan SEZ Ltd. |
| 7. Name of Company/Organization               | IFFCO KISAN SEZ –MULTIPRODUCT<br>SEZ M/S. IFFCO KISAN SEZ LTD                                                                                               |
| 8. Location of Project                        | Andhra Pradesh                                                                                                                                              |
| 9. TOR Date                                   | N/A                                                                                                                                                         |

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 28/09/2022

(e-signed)  
**Amardeep Raju**  
Scientist E  
IA - (INFRA-1 sector)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

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2. IKSEZ is a Multi-Product Special Economic Zone with focus on agro based industries. A notified SEZ with DTZ spread over approximately 1111 Ha, situated in Nellore District of Andhra Pradesh.

3. The proposed project falls under 7(c), Category-A, Industrial Estates/Parks/Complexes/Areas, Export Processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes as per EIA notification 2006. Total Project Cost is Rs. 650 crore.

4. M/s IFFCO Kisan SEZ Limited has obtained Environmental Clearance vide letter dated 22.06.2011 for setting up of a Agro Park at Racharlapadu village, Kodavaluru Taluka, Nellore district, Andhra Pradesh for setting up Green House/Poly houses/nurseries, livestock, cereals and Pulses, fruits & vegetables, integrated dairy, aquaculture, meat & Poultry industries, Medicinal & aromatic plants, feed manufacturing, Nutraceuticals & Food Additives, Power Generation(420MW) including natural gas based-Central(220MW), Biomass based(70MW), Natural gas & Bio gas based-De central(130MW), Educational & Research, Infrastructure Basic etc.

5. Now M/s IFFCO Kisan SEZ Limited mentioned that as APTRANSCO has set up a 220KV substation with assured supply of power to the units set up in the industrial park, it was decided to drop the proposed power generation plants of 420MW capacity (including Natural gas & bio gas based de-central plant of 130MW capacity) originally proposed and also submitted that IKSEZ had been notified as Multi Product SEZ vide Gazette Notification no.724-S.O.880(E) dated 19.04.2010 by Ministry of Commerce and Industry, GoI and order to improve the occupancy in the SEZ to provide employment & economic growth in the region and proposed to withdrawn the proposal for setting up the proposed power Generation plants of 420MW capacity (including Natural gas & bio gas based de-central plant of 130MW capacity) as per the existing EC vide letter no.21-8/2010-IA.III dated 22<sup>nd</sup> June, 2011 and include following additional industrial sectors in addition to the already approved industrial sectors:

- i. Renewable energy products (wind mill blades, solar etc), Light and Heavy Engineering manufacturing products and Agricultural tools & equipment.
- ii. Nano technology based products, Nano fertilizers (Nano Nitrogen (Urea)/Nano DAP/Nano Sulphur/Nano Zinc/Nano Copper, etc).
- iii. Electric Mobility and associated products and components.
- iv. Electrical and Electronics including Li-ion and solid-state batteries.
- v. Non-alcoholic and fruit based beverages & other health and energy drinks.
- vi. Processing of shrimp/fish & shell waste.
- vii. Warehousing, Cold storages and Logistics.

6. Land use/Land cover of project site:

| S.No | Land use/Land cover                  | Area (ha) | %     | Remarks, if any                                                                                                                                                  |
|------|--------------------------------------|-----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Plotted/ Industrial area             | 754.3     | 67.93 | -                                                                                                                                                                |
| 2    | Storage Pond & Rain Water Harvesting | 42.3      | 3.81  | -                                                                                                                                                                |
| 3    | Green belt / Open Spaces             | 248.0     | 22.33 | IKSEZ will develop on the whole of 22% i.e, 620 acres (248ha) and individual industries will develop 11% of the greenbelt to achieve the total greenbelt of 33%. |
| 4    | Road Network                         | 49.2      | 4.43  | -                                                                                                                                                                |
| 5    | Water Pipeline                       | 0.7       | 0.07  | -                                                                                                                                                                |
| 6    | Parking Space                        | 10.5      | 0.94  | -                                                                                                                                                                |

|              |                        |               |               |   |
|--------------|------------------------|---------------|---------------|---|
| 7            | Solid Waste Management | 6.0           | 0.49          | - |
| <b>Total</b> |                        | <b>1111.0</b> | <b>100.00</b> | - |

7. Now PP has applied for following amendments in the existing EC:-

| Sl. No | Existing industries as per EC order No. 21-8/2010-IA.III dated 22 <sup>nd</sup> June, 2011                                                                                                                                                                                                                                                   | Industries Withdrawn/ Dropping of in the IKSEZ area.                                                                                                                                                                                              | Proposed Amendment required                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Agro park (Processing zone-488.8 ha + 198.9 ha; Non-processing zone-175.1 ha; Greenbelt-157.1 ha + 66 ha + 25.1 ha). About 10000 workers (5000 single + 5000 families) likely to stay in the SEZ. Power generation (420MW) including natural gas based central (220MW), biomass based (70MW), Natural gas & biogas based –De-central (130MW) | <p>i. Power generation (420MW) including natural gas based-central (220MW), biomass based (70MW), Natural gas &amp; biogas based –De-central (130MW)</p> <p>ii. Reduction in accommodation facility for workers from 10000 nos. to 5000 no's.</p> | <p>i. Residential/Institutional/ Administrative Buildings</p> <p>ii. Food &amp; Agri processing</p> <p>iii. Aqua processing</p> <p>iv. Nano materials and Nano Fertilizers</p> <p>v. Non-alcoholic &amp; Fruit based beverages</p> <p>vi. Electric Mobility and associated products</p> <p>vii. Electrical and Electronics including Li-ion and solid state batteries</p> <p>viii. Light &amp; Heavy Engineering Ware house and logistics.</p> |
| 2      | Water requirement                                                                                                                                                                                                                                                                                                                            | 19890KLD                                                                                                                                                                                                                                          | 19890KLD                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 3      | Wastewater generation                                                                                                                                                                                                                                                                                                                        | 9754.0KLD                                                                                                                                                                                                                                         | 11899 KLD                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4      | Project cost                                                                                                                                                                                                                                                                                                                                 | As per EC Rs. 560 Crores                                                                                                                                                                                                                          | Revised Project cost for the Multi-product SEZ and DTA: Rs. 650 Crores                                                                                                                                                                                                                                                                                                                                                                         |
| 5      | Boiler details                                                                                                                                                                                                                                                                                                                               | 2 x 6TPH, 1 x 2 TPH, 1 x 135TPH, 1 x 70TPH, 1 x 200TPH, 2 x 800TPH                                                                                                                                                                                | 1x2TPH, 1x4TPH, 1x6TPH, 1x10TPH, 1x10TPH, 1x6TPH, 1x2TPH                                                                                                                                                                                                                                                                                                                                                                                       |
| 6      | DG Sets                                                                                                                                                                                                                                                                                                                                      | Nil                                                                                                                                                                                                                                               | 250 KVA, 320KVA, 400KVA, 600KVA, 850KVA, 250 KVA, 320KVA, 400KVA, 600KVA,                                                                                                                                                                                                                                                                                                                                                                      |

|   |                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                     |
|---|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                     |                                                                                                                                                                                                                                     | 850KVA                                                                                                                                                                                                                                                                                                              |
| 7 | Solid waste details | i. Chicken slaughter waste – 100 TPD<br>ii. Domestic waste – 6TPD<br>iii. Ash from Biomass powerplants – 500 TPD<br>iv. Recyclable waste (paper, parking, scrap etc.) – 2TPD<br>v. ETP Sludge – 0.8 TPD<br>vi. STP sludge – 0.2 TPD | i. Domestic waste – 15.0 TPD Chicken Slaughter waste from slaughter house – 100 TPD<br>ii. Industrial solid waste – 100 TPD Recyclable waste – 2.0 TPD Discarded<br>iii. Containers/bags/liners/cart on boxes 1500 nos/year Used/Spent oil/mud with oil– 2000LPA.<br>iv. STP sludge – 0.2 TPD E-waste – 5Kgs/month. |

8. Following table present the existing status of the work **Completed/Not Completed** at the Industrial Park.

| S.No | Activity                           | Activities already completed for Infrastructure Development                                                                                                                                              | Activities which are still pending to be implemented |
|------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 1    | Compound wall around project site. | 27 Km length and 9 feet height compound wall with 2 feet barbed wire fencing on top has been completed as per the SEZ norms for the entire project site.                                                 | Completed                                            |
| 2    | Office space                       | 36,000 sft project office building has been constructed with ready to use office facilities for investors.                                                                                               | Completed                                            |
| 3    | Kanigiri water Supply              | Pump house to lift 45,000 KLD capacity water and laying of 14 kms length 900 mm dia twin PSC pipeline water from Kanigiri Reservoir to project site as per the approved design by Irrigation Department. | Completed                                            |
| 4    | Power supply to project site       | APTRANSCO has established 220 KV substation within industrial park to supply power to units set up in the industrial park.                                                                               | Completed                                            |



|    |                                                                                                              |                                                          |                                                                                                                                                                                                                                                                       |
|----|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5  | Sewage Treatment plant                                                                                       | 16 KLD STP is operational.                               | Completed.<br>Individual units will have their own STP/ETP as per their requirement. STP shall be scaled up as per the requirement of any new units.                                                                                                                  |
| 6  | Peripheral Roads                                                                                             | 21.2 kms                                                 | 5 kms                                                                                                                                                                                                                                                                 |
| 7  | Internal Road along with storm water drains and utilities                                                    | Completed as per requirement of existing units - 7.5 Kms | To be developed along with setting up of the new units - 28 Km                                                                                                                                                                                                        |
| 8  | Entrance Gate Facility                                                                                       | 1 no                                                     | 1 no                                                                                                                                                                                                                                                                  |
| 9  | Internal water distribution                                                                                  | 1.8 kms                                                  | 10.4 kms                                                                                                                                                                                                                                                              |
| 10 | Additional storage pond                                                                                      | 1 no (79 acre)                                           | 1 no (26 acre)                                                                                                                                                                                                                                                        |
| 12 | Accommodation facilities total-2550 units and other required social, environmental, R&D infrastructure, etc. | -                                                        | To be taken up as per the requirement of the individual industries                                                                                                                                                                                                    |
| 13 | Green belt                                                                                                   | Completed in about 126 Acre.                             | 494 acres shall be developed in tandem with setting up of new units in IKSEZ. IKSEZ will develop greenbelt on a whole of 22% i.e. 620 acres and individual units will develop remaining 11% of the greenbelt to achieve the total greenbelt of 33% of the IKSEZ area. |

9. Terrain and topographical features: The topography of the site is slightly undulating with a decreasing height gradient from North West to South East from around 27m above Mean Sea Level (+MSL) in the North-Western portion to approximately 12m+MSL in the South East.

10. Impact on Water bodies/drainage: Pennar River is in south direction at a distance of 19 km from project site. The Pennar is the major river which is passing in the middle of the district. The drainage density varies from less than 1 to 3 km/km<sup>2</sup>. Natural slope will be maintained during the site preparation to avoid any effect on the natural drainage pattern of the

site. The surface and subsurface drainage system is designed as per IRC guidelines. A minimum longitudinal gradient of 0.3% is maintained in such a way that it attains the minimum self-cleaning velocity of storm water drains.

11. Water requirement: Water requirement during operation phase would be 19610 KLD after the proposed modernization quantity of 19890 KLD. The water pipeline network and pumping scheme is already operational and will be extended to the new individual units as per the requirement. Ground water will not be envisaged. Water is being drawn from the Kanigiri Reservoir, which is located in West direction at a distance of 11km from the project site. Agreement between M/s. IFFCO Kisan SEZ and Govt. of AP, I & C.A.D. department for permission for drawl of 10 MGD of water from Kanigiri Reservoir was made vide Agt. No. 24 SE/2011-12 dated 14.11.2011. Also rainwater harvested within IKSEZ will be utilized to reduce the consumption of fresh water based on the requirements.

12. The project does not involve forest diversion/ Eco sensitive areas.

13. Waste management details for the proposed industries.

| S.No. | Name of waste                                     | Source of Generation | Quantity             | Mode of Treatment & Disposal Method                                                                                                                                   |
|-------|---------------------------------------------------|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Domestic waste                                    | Residential area     | 15.0 TPD             | Collected, segregated, stored and disposed to municipality.<br><br>Organic waste will be composted.<br><br>Plastic and E-waste will be disposed to authorized vendors |
| 2.    | Chicken slaughter waste                           | From slaughter House | 100 TPD              | Composting                                                                                                                                                            |
| 3.    | Industrial solid waste                            | From Industries      | 100 TPD              | Will be segregated and shall be handled according to the statutory norms based on the type of waste                                                                   |
| 4.    | Recyclable waste                                  | Misc.                | 2 TPD                | Disposed to APEMC/ Authorized recyclers                                                                                                                               |
| 5.    | Discarded Containers /Bags / Liners/ Carton boxes | STP                  | 1500 Nos/ Year       | Collected, stored and sold to APPCB approved parties/APMEC                                                                                                            |
| 6.    | Used/ spent oil/ Mud with Oil                     | Misc.                | 2000 LPA             | Collected, stored and sold to APPCB registered recyclers                                                                                                              |
| 7     | ETP & STP Sludge                                  | ETP and STP          | 0.2 TPD (STP sludge) | Manure for the Plants                                                                                                                                                 |
| 8     | E-waste                                           | Misc.                | 5kg/ Month           | Disposed to authorized recyclers/re-processors                                                                                                                        |

14. CETP/STP details: **STP:** Individual industries will establish their own STP as per their waste water characteristics. Further treated water will be recycled within their premises and used for greenbelt development. At present 16 KLD STP is in operation by IKSEZ and treated water is used for greenbelt development. **CETP:** The individual units in IKSEZ will install ETP based on the characteristics of the effluent generated within their premises and no CETP is proposed.

15. Tree cutting and Green belt development: SEZ infrastructure has already been established and no tree cutting has been envisaged. Out of 1111 Ha of project land 248.2 Ha of area has been earmarked for greenbelt development by IKSEZ. As most of the land is plain with tiny bushes, no tree cutting shall be required. A total of 49,449 no of plants in 126 acres have been planted around boundary. The green belt will be expanded in a phased manner in tandem with growth of industries in the industrial park. In order to comply with the MoEF&CC guidelines for greenbelt development within the Industrial Park, IKSEZ is planning to develop thick greenbelt of tall and evergreen plants along the periphery and on either sides of the roads and within the individual industrial units of IKSEZ.

16. Rain Water Harvesting: Well-developed storm water network is in place. The rain water collected during the monsoon season is being routed to the existing pond in the North West part of IKSEZ and used for various purposes within IKSEZ to decrease the load on Kanigiri Reservoir.

17. Land acquisition and R&R issues involved: Not required as the demised land is already in IKSEZ possession.

18. Employment potential: The project will generate direct employment of about 20000 nos. and indirect employment of 80000 no's will be through contractual labors and ancillary units.

19. Benefits of the project: The development of Multi-product SEZ and DTA will provide employment and business opportunities to the local people as well as attract international market for investment. The increase in economic activity is expected to enhance development and CSR activities of the industrial units will result in expansion and strengthening of social infrastructure and other benefits which will increase the wellbeing of the local population. They will also be benefited in the areas such as education, health care, infrastructure facilities and women empowerment. The Government of Andhra Pradesh will be benefited in terms of taxes and duties, the railways, ports and industries authorities, water supplying agencies etc. will be benefited indirectly. Thus, in view of considerable benefits from the project without any adverse environmental impact, the project is most advantageous to the region. IFFCO Kisan SEZ will thereby adhere to the strict environmental norms and at the same time fulfil the 5 themes of the Andhra Pradesh Industrial policy 2020 - 23 (Infrastructure, Ease of doing business, Skilling and labour Availability, End to End hand holding, Incentives) and thereby emerge as a major industrial hub in the south coast of Andhra Pradesh.

20. Details of Court cases: The cases pertaining to land acquisition way back in 1997 and compensation related issues majorly against the State Govt. are pending before the High Court of A.P. More than 25 similar cases were either dismissed or withdrawn earlier. However, due to the pandemic situation the cases are awaiting to be heard by the Hon'ble HC of Andhra Pradesh (WP(PIL) 4/2017, WP 14105/2017, WP 22430/2017, WP 32225/2017). A case pertaining to petitioner's prayer to relocate the proposed unit of KRIBHCO near Sarvepalli to IKSEZ site is pending before High Court (WP(PIL) 137/2017). A case pertaining to a sub-contractor (Power of Attorney) on amount paid for compound wall construction is pending at High Court (WP 17592/2010).





21. EAC noted that the validity of EC is expired. Therefore, the PP could not able to do any work related to infrastructure development of the IFFCO Kisan SEZ. In case PP intended to carry-on the infrastructure developmental work of the SEZ, they need to apply for ToR for the balance amount of work in the prescribed format. Till that time no work related to infrastructure development of SEZ can be carried out. As far as the present proposal of amendment in environmental clearance is concerned, since the EC is valid for the portion of SEZ project completed till 21.06.2022, the proposed amendment can be recommended.
22. The EAC based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues in its 302<sup>nd</sup> meeting during 107<sup>th</sup>-08<sup>th</sup> July, 2022, recommended the project for grant of environmental clearance with stipulated specific conditions along with other Standard EC Conditions.
23. The Ministry of Environment, Forest and Climate Change has considered the proposal based on the recommendations of the Expert Appraisal Committee (Infrastructure, CRZ and other Miscellaneous projects) and hereby decided to grant Environmental Clearance for the “Modernisation of IFFCO Kisan SEZ – Nellore Agro Park at Racharlapadu village, Kodavaluru Taluka, Nellore district, Andhra Pradesh by M/s IFFCO Kisan SEZ Ltd” under 7(ii) clause of EIA Notification, 2006 as amended, subject to strict compliance of the following specific conditions, in addition to all standard conditions applicable for such projects.

#### **A. SPECIFIC CONDITIONS**

- i. All other terms and conditions mentioned in the earlier EC vide letter 21-8/2010-IA.III dated 22.06.2011 shall remain same.
- ii. PP shall complete the Green belt development, as per the EC dated 22.06.2011, within 1 year and shall submit the status report to the Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. The validity of EC is expired. Therefore, the PP could not able to do any work related to infrastructure development of the IFFCO Kisan SEZ. In case PP intended to carry-on the infrastructure developmental work of the SEZ, they need to apply for ToR for the balance amount of work in the prescribed format. Till that time no work related to infrastructure development of SEZ can be carried out.
- iv. The proponent has to comply with the Ministry’s OM no. J-11011/321/2016-IA.II(I), dated 27.04.2018 which made it mandatory for certain type of industries to conduct public hearing irrespective of their location within Industrial Area or outside the industrial area.
- v. The proposed individual units need to take Environmental Clearance separately as per the applicability of the schedule of EIA Notification, 2006.
- vi. Air pollution control device viz., gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag-filter/ESP for removal of particulate matter; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO<sub>2</sub>, NO<sub>x</sub> and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.
- vii. No tree can be felled/transplant unless exigencies demand. Where absolutely



necessary, tree felling shall be with prior permission from the concern Authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Where the trees need to be cut/transplanted with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut/ nonsurvival of any transplanted tree) shall be done and maintained. Plantations should be undertaken exclusively with native and wild species with majority of the trees from tall Ficus variety like Banyan, Peepal, Umber etc.

- viii. The landscape planning should include plantation of only native tall tree species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. No use of Eucalyptus, Casuarina, Australian Acacia, Gliricidia etc is permitted.
- ix. Leachates to be collected and utilized within project after proper treatment. PP should submit the details regarding Leachate collection and treatment system to be installed to concerned Integrated Regional Office of the Ministry. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
- x. Ground water monitoring for Physico-Chemical parameters to be carried out and record maintained by providing piezometric wells along the flow channel (up and down).
- xi. Natural drainage present within the project site shall not be disturbed and no effluent shall be discharged into the natural drain. also shall be developed the plantation keeping the 15m width around the natural drainage.
- xii. All the mitigation measures to reduce pollution be mentioned in EIA/EMP report.
- xiii. All red category projects should be confined at one place/area and a minimum distance of 500-700 m shall be maintained between the Industrial area and the boundary of Hamlet.
- xiv. Plantation/greenbelt should be developed at the boundary of the industrial project/area and hamlet/all nearby villages.
- xv. All the mitigation measures to reduce pollution as mentioned in EIA-EMP report shall be implemented in toto.
- xvi. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016.
- xvii. As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.
- xviii. The existing water bodies in the project area shall be conserved and used for effective water management. No ground water shall be used in any case.



- xix. Provision shall be made to recharge the ground water and construct rainwater harvesting structures for augmentation of ground water levels. Rain water harvesting for roof run-off and surface run-off, as plan submitted shall be implemented.
- xx. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 4 meters above the highest ground water table. Piezometer be installed adequately to monitor the ground water level.
- xxi. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured/recorded to ensure the water balance is maintained and the record shall be submitted to the Regional Office, MoEF&CC along with six Monthly Monitoring report.
- xxii. Grading within the project site shall be planned such that there shall be negligible impacts on the existing natural drainage system/pattern. An adequate drainage system shall be provided at the site with separate collection streams to segregate the storm run-off from roads, open areas, material storage areas, vehicle wash water and other wastewater streams. Suitable measures should be taken to prevent the washing away of construction materials into the drainage system.
- xxiii. The Industrial area shall maintain Zero Liquid Discharge and to achieve this waste water generated from various industrial operations shall be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses.
- xxiv. Ambient noise levels shall be regularly monitored and conform to the prescribed standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during development/ construction phase.
- xxv. Continuous monitoring system be installed by all the member industries and adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- xxvi. A comprehensive plan for disaster management and mitigation be developed taking in to account the products, processes and hazardous waste if any and its disposal. The plan should also include financial provisions for the same and integrate these within EIA/EMP.
- xxvii. EMP- Budget allocation for developing adequate infrastructure for healthcare facilities and its operations for the employees and general public be made and implemented. Also adequate financial provisions be made for skill development for local population as provided for in the EIA-EMP.
- xxviii. Green belt should be developed using exclusively native tall trees such of Ficus such as Banyan, Peepal, Umber, Jamun, Tamarind etc all around the settlements and water bodies. Minimum 33% of total project area shall be maintained as green belt.



## **B. STANDARD CONDITIONS:**

### **I. Statutory compliance:**



- (i) The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- (ii) All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction
- (iii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- (iv) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

## **II. Air quality monitoring and preservation:**

- (i) The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the project area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- (ii) Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.
- (iii) Dust collectors shall be deployed in all areas where surface cleaning and painting operations are to be carried out, supplemented by stacks for effective dispersion.
- (iv) Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- (v) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

## **III. Water quality monitoring and preservation:**

- (i) Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- (ii) Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC

purposes and dust suppression.

- (iii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
- (iv) No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.

#### **IV. Noise monitoring and prevention:**

- (i) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- (ii) Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.
- (iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- (iv) The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

#### **V. Energy Conservation measures:**

- (i) Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- (ii) Provide LED lights in their offices and project areas.

#### **VI. Waste management:**

- (i) Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.
- (ii) The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
- (iii) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
- (iv) A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- (v) Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

#### **VII. Green Belt:**

- (i) An overall green area of at-least 33% of the Industrial Area should be developed with native species. The project proponent of the Industrial Area shall comply with the additional commitment made by them in the EIA report regarding the development of



- green belt.
- (ii) The Industrial Areas are directed to accordingly allocate the area to be developed as green cover to respective individual industrial units so as to achieve the above mentioned condition.
  - (iii) The individual industrial unit, at the time of obtaining EC, shall bring a letter from the Industrial Area for the area allocated to them to be developed as green cover as a part of obligation from the Industrial Area.
  - (iv) Wherever possible, plantations around the periphery of the Industrial Area, in the downwind direction and along the road sides shall be provided for containment of pollution and for formation of a screen between the industrial area and the outer civil area. The choice of plants should include shrubs of height 1 to 1.5 m and tree of 3 to 5 m height. The intermixing of trees and shrubs should be such that the foliage area density in vertical is almost uniform.
  - (v) The parameters like selection of plant species, procedure for plantation, density of tree plantation etc shall be as per the CPCB guidelines.

#### **VIII. Public hearing and human health issues:**

- (i) Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.
- (ii) Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.
- (iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (v) Occupational health surveillance of the workers shall be done on a regular basis.

#### **IX. Environment Responsibility:**

- (i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- (ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- (iii) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by





competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

- (iv) Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

#### **X. Miscellaneous:**

- (i) The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- (ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- (iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- (iv) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- (v) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- (vi) The criteria pollutant levels namely; PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (vii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- (viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- (ix) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- (x) No further expansion or modifications in the Industrial Area shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- (xi) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

- (xii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- (xiii) The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- (xiv) The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- (xv) The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- (xvi) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

25. This issues with the approval of the Competent Authority.



**(Amardeep Raju)**  
Scientist-E

Copy to:

1. The Secretary, Department of Environment, Forest, S & T Government of Andhra Pradesh Secretariat, Velagapudi, Andhra Pradesh 522503.
2. The Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Vijayawada Green House, Gopalareddy Road, Vijayawada – 520010, Andhra Pradesh
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
4. The Member Secretary, Andhra Pradesh Pollution Control Board, D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/Record File
7. Notice Board.



**(Amardeep Raju)**  
Scientist-E

**Annexure-8**  
**(Form-V Acknowledgement Copy)**



## IFFCO Kisan SEZ Limited

Date: 16.09.2024

To,  
The Environmental Engineer,  
AP Pollution Control Board,  
Regional Office,  
SPSR Nellore.



Sir,

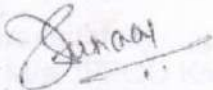
Sub: - Submission of Environmental Statement (Form-V) for the financial year ended by 31<sup>st</sup> March, 2024— Reg.

With reference to the subject cited above, please find enclosed herewith a copy of Environmental Statement (Form – V) duly filled in all respects for the financial year ended by 31<sup>st</sup> March, 2024 for M/s. IFFCO Kisan SEZ Limited, Racharlapadu (V), Kodavalur (M), SPSR Nellore District, Andhra Pradesh.

Kindly acknowledge the same.

Yours faithfully,

For M/s. IFFCO Kisan SEZ Limited,

  
Authorized signatory



**Annexure-9**  
**(Analysis Reports)**



# SV ENVIRO LABS & CONSULTANTS

(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

**Corporate Office & Laboratory :** Enviro House, B-1, Block-B, IDA, Autonagar, Visakhapatnam-530012.  
**Hyderabad:** Flat No. 302, H.No. 7-1-396/B/12, Sai Ram Residency, Balkampet Road, S.R.Nagar, Hyderabad-500038.  
☎ +91-9440338628, +91-7207664444 ✉ svenviro\_labs@yahoo.co.in, info@svenvirolabs.com 🌐 www.svenvirolabs.com  
**Recognized by Govt. of India-MoEF & CC, New Delhi, Accredited by : NABL & NABET**



Ref: SVELC/IFFCOKSL/24-10/01

Date: 24-10-2024

NAME AND ADDRESS : **M/s. IFFCO KISAN SEZ LIMITED,  
Project office, Adjacent to NH-5,  
Racharlapadu Village & Post,  
Kodavaluru Mandal,  
Nellore-524319, Andhra Pradesh.**

SAMPLE PARTICULARS : **AMBIENT AIR QUALITY**

SOURCE OF COLLECTION : **NEAR SECURITY GATE-1**

DATE & TIME OF START : **15-10-2024@ 10:00 hr**

DURATION OF SAMPLING : **24 Hours**

ATMOSPHERE CONDITION : **Clear Sky**

## TEST REPORT

| S.No | PARAMETER                                                | UNIT                     | RESULT | STANDARDS | METHOD                                   |
|------|----------------------------------------------------------|--------------------------|--------|-----------|------------------------------------------|
| 1.   | Particulate Matter(Size<10 $\mu$ ) or PM <sub>10</sub>   | $\mu\text{g}/\text{m}^3$ | 60.9   | 100       | IS:5182 (P-23) Gravimetric               |
| 2.   | Particulate Matter(Size<2.5 $\mu$ ) or PM <sub>2.5</sub> | $\mu\text{g}/\text{m}^3$ | 19.7   | 60        | IS:5182 (P-24) Gravimetric               |
| 3.   | Sulphur Dioxide – SO <sub>2</sub>                        | $\mu\text{g}/\text{m}^3$ | 15.2   | 80        | IS:5182 (P-2)- West and Gaeke Method     |
| 4.   | Oxides of Nitrogen - NO <sub>x</sub>                     | $\mu\text{g}/\text{m}^3$ | 17.3   | 80        | IS:5182(P-6) - Jacob & Hochheiser Method |

*[Signature]*  
**CHECKED BY**



*[Signature]*  
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© +91-9440338628, +91-7207664444 ✉ svenviro\_labs@yahoo.co.in, info@svenvirolabs.com 🌐 www.svenvirolabs.com  
**Recognized by Govt. of India-MoEF & CC, New Delhi, Accredited by : NABL & NABET**



Ref: SVELC/IFFCOKSL/24-10/02

Date: 24-10-2024

NAME AND ADDRESS : **M/s. IFFCO KISAN SEZ LIMITED,  
Project office, Adjacent to NH-5,  
Racharlapadu Village & Post,  
Kodavaluru Mandal,  
Nellore-524319, Andhra Pradesh.**

SAMPLE PARTICULARS : **AMBIENT AIR QUALITY**

SOURCE OF COLLECTION : **NEAR OFFICE AREA**

DATE & TIME OF START : **15-10-2024@ 10:15 hr**

DURATION OF SAMPLING : **24 Hours**

ATMOSPHERE CONDITION : **Clear Sky**

## TEST REPORT

| S.No | PARAMETER                                                | UNIT                     | RESULT | STANDARDS | METHOD                                      |
|------|----------------------------------------------------------|--------------------------|--------|-----------|---------------------------------------------|
| 1.   | Particulate Matter(Size<10 $\mu$ ) or PM <sub>10</sub>   | $\mu\text{g}/\text{m}^3$ | 55.4   | 100       | IS:5182 (P-23)<br>Gravimetric               |
| 2.   | Particulate Matter(Size<2.5 $\mu$ ) or PM <sub>2.5</sub> | $\mu\text{g}/\text{m}^3$ | 21.8   | 60        | IS:5182 (P-24)<br>Gravimetric               |
| 3.   | Sulphur Dioxide – SO <sub>2</sub>                        | $\mu\text{g}/\text{m}^3$ | 13.1   | 80        | IS:5182 (P-2)- West<br>and Gaeke Method     |
| 4.   | Oxides of Nitrogen - NO <sub>x</sub>                     | $\mu\text{g}/\text{m}^3$ | 14.6   | 80        | IS:5182(P-6) - Jacob<br>& Hochheiser Method |

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(ENVIRONMENTAL ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

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☎ +91-9440338628, +91-7207664444 ✉ svenviro\_labs@yahoo.co.in, info@svenvirolabs.com 🌐 www.svenvirolabs.com  
**Recognized by Govt. of India-MoEF & CC, New Delhi, Accredited by : NABL & NABET**



Ref: SVELC/IFFCOKSL/24-10/03

Date: 24-10-2024

NAME AND ADDRESS : **M/s. IFFCO KISAN SEZ LIMITED,  
Project office, Adjacent to NH-5,  
Racharlapadu Village & Post,  
Kodavaluru Mandal,  
Nellore-524319, Andhra Pradesh.**

SAMPLE PARTICULARS : **AMBIENT AIR QUALITY**

SOURCE OF COLLECTION : **NEAR GATE – 3**

DATE & TIME OF START : **15-10-2024@ 10:30 hr**

DURATION OF SAMPLING : **24 Hours**

ATMOSPHERE CONDITION : **Clear Sky**

## TEST REPORT

| S.No | PARAMETER                                                | UNIT                     | RESULT | STANDARDS | METHOD                                      |
|------|----------------------------------------------------------|--------------------------|--------|-----------|---------------------------------------------|
| 1.   | Particulate Matter(Size<10 $\mu$ ) or PM <sub>10</sub>   | $\mu\text{g}/\text{m}^3$ | 64.5   | 100       | IS:5182 (P-23)<br>Gravimetric               |
| 2.   | Particulate Matter(Size<2.5 $\mu$ ) or PM <sub>2.5</sub> | $\mu\text{g}/\text{m}^3$ | 23.3   | 60        | IS:5182 (P-24)<br>Gravimetric               |
| 3.   | Sulphur Dioxide – SO <sub>2</sub>                        | $\mu\text{g}/\text{m}^3$ | 12.7   | 80        | IS:5182 (P-2)- West<br>and Gaeke Method     |
| 4.   | Oxides of Nitrogen - NO <sub>x</sub>                     | $\mu\text{g}/\text{m}^3$ | 15.8   | 80        | IS:5182(P-6) - Jacob<br>& Hochheiser Method |

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**Corporate Office & Laboratory :** Enviro House, B-1, Block-B, IDA, Autonagar, Visakhapatnam-530012.  
**Hyderabad:** Flat No. 302, H.No. 7-1-396/B/12, Sai Ram Residency, Balkampet Road, S.R.Nagar, Hyderabad-500038.  
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Ref: SVELC/IFFCOKSL/24-10/04

Date: 24-10-2024

NAME AND ADDRESS : **M/s. IFFCO KISAN SEZ LIMITED,  
Project office, Adjacent to NH-5,  
Racharlapadu Village & Post,  
Kodavaluru Mandal,  
Nellore-524319, Andhra Pradesh.**

SAMPLE PARTICULARS : **STACK EMISSIONS**

SOURCE OF COLLECTION : **D.G. Set 35 KVA**

DATE & TIME OF START : **15-10-2024@ 11:15 hr**

## TEST REPORT

| S.No. | DESCRIPTION               | UNIT    | RESULT |
|-------|---------------------------|---------|--------|
| 1.    | Pitot Coefficient         | -       | 0.87   |
| 2.    | Specific Gravity of Fluid | -       | 1.0    |
| 3.    | Temperature @ DGM         | °C      | 32     |
| 4.    | Stack Temperature         | °C      | 143    |
| 5.    | Flue Gas Velocity         | m/sec   | 14.8   |
| 6.    | Duration of Sampling      | minutes | 30     |

## EMISSION RATE

| S.No. | PARAMETER                           | UNIT               | RESULT | STANDARD |
|-------|-------------------------------------|--------------------|--------|----------|
| 1.    | Particulate Matter – PM             | mg/Nm <sup>3</sup> | 62.7   | 115      |
| 2.    | Sulphur Dioxide-SO <sub>2</sub>     | mg/Nm <sup>3</sup> | 25.3   | -        |
| 3.    | Oxides of Nitrogen -NO <sub>x</sub> | mg/Nm <sup>3</sup> | 38.4   | -        |

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Ref: SVELC/IFFCOKSL/24-10/05

Date: 24-10-2024

NAME AND ADDRESS : **M/s. IFFCO KISAN SEZ LIMITED,  
Project office, Adjacent to NH-5,  
Racharlapadu Village & Post,  
Kodavaluru Mandal,  
Nellore-524319, Andhra Pradesh.**

SAMPLE PARTICULARS : **NOISE LEVELS**

DATE OF COLLECTION : **15-10-2024**

## TEST REPORT

| S.No.          | SOURCE OF COLLECTION  | Noise levels<br>Measured in dB(A) |       | METHOD                                 |
|----------------|-----------------------|-----------------------------------|-------|----------------------------------------|
|                |                       | Day                               | Night |                                        |
| 1.             | Near Security Gate -1 | 64.2                              | 55.4  | IS:4954 – 1968<br>Noise Level<br>Meter |
| 2.             | Near Office Area      | 71.8                              | 67.5  |                                        |
| 3.             | Near DG set Area      | 68.7                              | 61.3  |                                        |
| 4.             | Near Gate -3          | 64.6                              | 54.9  |                                        |
| CPCB STANDARDS |                       | 75.0                              | 70.0  |                                        |

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Ref: SVELC/IFFCOKSL/24-10/06

Date: 24-10-2024

NAME AND ADDRESS : **M/s. IFFCO KISAN SEZ LIMITED,  
Project office, Adjacent to NH-5,  
Racharlapadu Village & Post,  
Kodavaluru Mandal,  
Nellore-524319, Andhra Pradesh.**

SAMPLE PARTICULARS : **EFFLUENT**

SOURCE OF COLLECTION : **STP INLET**

DATE OF COLLECTION : **15-10-2024**

## TEST REPORT

| S.No. | PARAMETER                                                    | UNIT | RESULT | METHOD FOLLOWED                             |
|-------|--------------------------------------------------------------|------|--------|---------------------------------------------|
| 1.    | pH                                                           | --   | 7.87   | APHA 4500-H+B, 24 <sup>th</sup> Ed, 2023    |
| 2.    | Total Dissolved Solids -- TDS                                | mg/l | 2026   | APHA 2540-C, 24 <sup>th</sup> Edition, 2023 |
| 3.    | Total Suspended Solids – TSS                                 | mg/l | 72.0   | APHA 2540-D, 24 <sup>th</sup> Edition, 2023 |
| 4.    | Chemical Oxygen Demand – COD                                 | mg/l | 281    | APHA 5220 B, 24 <sup>th</sup> Edition, 2023 |
| 5.    | Bio-Chemical Oxygen Demand – BOD (3 days incubation at 27°C) | mg/l | 110    | IS 3025 P 44                                |
| 6.    | Oil & Grease                                                 | mg/l | 6.0    | APHA 5520 D, 24 <sup>th</sup> Edition, 2023 |

  
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Ref: SVELC/IFFCOKSL/24-10/07

Date: 24-10-2024

NAME AND ADDRESS : **M/s. IFFCO KISAN SEZ LIMITED,  
Project office, Adjacent to NH-5,  
Racharlapadu Village & Post,  
Kodavaluru Mandal,  
Nellore-524319, Andhra Pradesh.**

SAMPLE PARTICULARS : **EFFLUENT**

SOURCE OF COLLECTION : **STP OUTLET**

DATE OF COLLECTION : **15-10-2024**

## TEST REPORT

| S.No. | PARAMETER                                                    | UNIT | RESULT | METHOD FOLLOWED                             | PCB STANDARD |
|-------|--------------------------------------------------------------|------|--------|---------------------------------------------|--------------|
| 1.    | pH                                                           | --   | 7.64   | APHA 4500-H+B, 24 <sup>th</sup> Ed, 2023    | 5.5 – 9.0    |
| 2.    | Total Dissolved Solids – TDS                                 | mg/l | 1480   | APHA 2540-C, 24 <sup>th</sup> Edition, 2023 | -            |
| 3.    | Total Suspended Solids – TSS                                 | mg/l | 19.0   | APHA 2540-D, 24 <sup>th</sup> Edition, 2023 | 100          |
| 4.    | Chemical Oxygen Demand – COD                                 | mg/l | 116    | APHA 5220 B, 24 <sup>th</sup> Edition, 2023 | 250          |
| 5.    | Bio-Chemical Oxygen Demand – BOD (3 days incubation at 27°C) | mg/l | 43.0   | IS 3025 P 44                                | 100          |
| 6.    | Oil & Grease                                                 | mg/l | 1.0    | APHA 5520 D, 24 <sup>th</sup> Edition, 2023 | 10           |

**Remarks:** As per the above report, all the parameters are within the PCB standards.

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**Annexure-10**  
**(Photographs)**

## **PHOTOGRAPHS**

**Storm water drain near Siemens Gamesa unit**



**Peripheral green belt in IFFCO Kisan SEZ site**



**Sign board at industry premises**



**Storm water drains at IKSEZ Office building**



**DG set at IKSEZ Office building**



### 16 KLD STP at IKSEZ Office building



### IKSEZ CFE Copy placed at office entrance lobby



### Paper advertisement

**INTIMATION**

M/s ఇఫ్కో కిసాన్ సెజ్ లిమిటెడ్, రాచర్లపాడు గ్రామం, కొడవలూరు మండలం, SPSR నెల్లూరు జిల్లా. ఆంధ్రప్రదేశ్-524319 పర్యావరణ అనుమతులు అధికారి నంబరు EC22A031AP173057 File NO.-21-8/2010-IA.III తేది 28 సెప్టెంబర్ 2022న Modernisation of IFFCO Kisan SEZ-Nellore Agro Park కోసం పొందియున్నారు. ఆ ప్రతులు పర్యావరణ, అటవీ మరియు వాతావరణ మార్పు శాఖ వెబ్‌సైట్ నందు లభ్యమగును.  
తేది:04-10-2022 చీఫ్ ఎగ్జిక్యూటివ్ ఆఫీసర్

**INTIMATION**

It is to inform that M/s IFFCO Kisan SEZ Ltd has obtained Environmental Clearance from Ministry of Environment, Forest and Climate Change, Govt. of India, vide EC Identification No.-EC22A031AP173057 File No.-21-8/2010-IA.III dated 28th Sept 2022 for Modernisation of IFFCO Kisan SEZ-Nellore Agro Park at Racharlapadu Village, Kodavaluru Mandal, SPSR Nellore District, Andhra Pradesh-524319 and copies of the clearance letter are available in Ministry of Environment, Forest and Climate Change website.  
**CHIEF EXECUTIVE OFFICER**  
Date: 04.10.2022