

**Agenda No. 129-08:**  
**(File No. 6729/2019)**

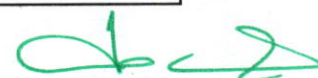

Proposed manufacturing of Petroleum base Distillates, De-Aromatized solvents, Alkyd paint resin and other allied chemicals by M/s. Galada Petro Chemicals Private Limited located SIPCOT Industrial Complex, Plot No 124 to 126 & 138 to 143 part of new Gummidipoondi Village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu-For Terms of Reference.

**(SIA/TN/IND2/31858/2019)**

The proposal was placed in the 129<sup>th</sup> SEAC Meeting held on 17.05.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. The proposed GPCPL facility is located at SIPCOT Industrial park, plot No – 124 to 126 & 138 to 143 (Part of New Gummidipoondi Village), SIPCOT Industrial Complex, Gummidipoondi Taluk, Tiruvallur District, Tamil Nadu. The required land area is 9.36 acres (37878.58 Sq.m), of which 9.0 acres is allotted for proposed project and remaining 0.36 acres is allotted during the registration of the land.
2. The project scope involves in the production capacity (150000-MTA). These products are a source of energy for domestic, industrial, transport sectors and as feedstock for fertilizers, synthetic fibers, synthetic rubbers, polymers, intermediates, explosives, agrochemicals, dyes, and paints etc., these products are in high demand. The land allotted from SIPCOT industrial complex to the proponent for this proposed project.
3. Site Coordinates- Latitude : 13°25'7.12"N, Longitude: 80° 6'20.17"E
4. Production capacity is -150000 MTPA

Products	Capacity in MTPA
<b>Special boiling point solvents</b> <ul style="list-style-type: none"><li>• Pentane- 16000 TPA</li><li>• Hexane- 28000 TPA</li><li>• SBP Solvent 150/115- 36000 TPA</li></ul>	80,000
<b>White spirits</b> (Low aromatic White spirits)	40,000

  
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<b>De-aromatized solvents</b> <ul style="list-style-type: none"> <li>De-Aromated solvents grade-1: 4000 TPA</li> <li>De-Aromated solvents grade-2: 4000 TPA</li> </ul>	8,000
<b>Aromatic solvents</b> <ul style="list-style-type: none"> <li>Aromatic Solvent A100- 8000 TPA</li> <li>Aromatic Solvent A150- 8000 TPA</li> </ul>	16,000
<b>Alkyd resins</b>	6,000
<b>Total</b>	<b>1,50,000</b>

5. A total water requirement will be 65.6 kLD. The Effluent generated from the process to be treated through the ETP of capacity 25kLD. Sewage generation will be 1.8 kLD which will be treated through STP of capacity 3 kLD.
6. A total power requirement will be 1000KVA shall be met from TANGEDCO.
7. A total capacity of the DG set to be installed will be 500KVA DG.
8. Proposed project around 50 persons form the local area will be employed.
9. Project cost is Rs. 10 Crores.
10. The project site located within 10 km from the Pulicat Bird Sanctuary (i.e 8.07km)

The SEAC noted the following:

1. The Proponent, M/s. Galada Petro Chemicals Private Limited, has applied for Terms of Reference to SEIAA-TN on 01.03.2019 for the proposed manufacturing of Petroleum base distillates, De-Aromatized solvents, Alkyd paint resin and other allied chemicals located at SIPCOT Industrial Complex, Plot No 124 to 126 & 138 to 143 part of new Gummidipoondi Village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 5(e) - Petrochemical based processing (processes other than cracking & reformation and not covered under the complexes) of the Schedule to the EIA Notification, 2006.



The proponent made a presentation about the project proposal. Based on the presentation made by the proponent and the documents furnished for the project of M/s. Galada Petro Chemicals Private Limited located SIPCOT Industrial Complex, Plot No 124 to 126 & 138 to 143 part of new Gummidipoondi Village, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu. The Authority decided to recommend the proposal for the grant of ToR subject to normal ToR and in additional:

1. NBWL clearance is mandatory since the project site is located within 10 km from the Pulicat Bird Sanctuary (i.e 8.07km)
2. Details of EIA attracting units in the SIPCOT and its impact shall be furnished.
3. Green belt development plan should be revised considering the green belt all around the periphery of the project site.
4. Detailed of the actual baseline data shall be furnished i.e methodology, timeline etc
5. Surface water and ground water should be done through reputed institution/laboratories for at least 4 samples.
6. Safety measures provided for the solvent and risk analysis for the solvent handling and emergency plan in case of leakage of solvents shall be furnished.
7. The proponent shall furnish the detailed water balance.
8. The adequacy report for the proposed STP and ETP design from the reputed Government institution like IIT,NIT, Anna university, etc shall be furnished.
9. The RO-reject management plan shall be furnished.
10. Modelling of air quality within the project and surrounding the project shall be furnished.
11. Signature components which may be present in the effluent shall be identified and provisions need to be provided for the removal of the same in the ETP.
12. Provision for monitoring for effluent shall be furnished.
13. A plan of action for the odour control measures to be implemented shall be furnished.
14. Mass balance (Molecular Level) for each product shall be furnished.

  
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