



सत्यमेव जयते

**Government of India
Ministry of Environment, Forest and Climate Change**



Date: **08/08/2023**

ACKNOWLEDGEMENT

This is to acknowledge that M/S. GANGAVARAM PORT LIMITED has provided the information on PARIVESH Portal in respect of No change in production capacity and No increase in pollution load for the project proposal Adani Gangavaram Port Limited in the format attached herewith under the provisions of para 7(ii) c of EIA Notification and its subsequent amendment S.O.980-(E), dated 2nd March 2021.

To claim exemption from obtaining prior Environment Clearance in respect of the provisions mentioned in para 7(ii)c of EIA notification 2006 and its subsequent amendment S.O.980-(E), dated 2nd March 2021, project proponent / SPCB or UTPCC shall follow the following process:

1.The project proponent shall inform the SPCB or UTPCC, as the case may be, in specified format along with:

- (i) 'no increase in pollution load' certificate from the Environmental Auditor or reputed institutions empanelled by the SPCB or UTPCC or CPCB or Ministry;
- (ii) last Consent to Operate certificate for the project or activity; and
- (iii) online system generated acknowledgement of uploading of intimation and 'no increase in pollution load' certificate on PARIVESH Portal;

2.Based on the submission of above information, the project proponent may carry on the proposed activity as per the submitted details. However, if on verification the SPCB or UTPCC, as the case may be, holds that the change in configuration of plant or activity from environmental conditions will result or has resulted in change of production capacity and / or increase in pollution load, the exemption claimed under this clause shall not be valid and it shall be deemed that the project proponent was liable to obtain Prior Environmental Clearance before under taking such changes or increase, as per the clause (a) of sub-paragraph (ii) of paragraph 7 of EIA Notification, 2006 and the provisions of Environment (Protection) Act, 1986 shall apply accordingly.

Encl: Attached the Information provided by the project proponent.

Application for No Increase in Pollution Load - Form-10

Basic Details

1.	Whether Project /Activity accorded prior EC?		Yes
1.1.	IA/AP/NCP/237816/2021		
1.2.	Environment & CRZ Clearance under Clause 7 (ii) of EIA Notification, 2006 and amendments thereafter – Increase in cargo handling capacity from 40.95 to 60.95 MTPA with existing 9 berths and within approved project area of 1800 acre through modernisation/mechanisation at Gangavaram Port		
1.3.	Whether the Project Activity attracts the provisions under 7(ii) (c)		
1.3.1.	Category		A
1.3.2.	Whether project involves change in production capacity and increase in pollution load		No
1.3.3.	Whether multiple items (Components) as per the notification involved in the proposal?		No
1.3.3.1.	Item No. as per schedule to EIA Notification, 2006 for Major Activity	7(e) Ports, harbors, breakwaters, dredging	Cargo handling
1.3.3.2.	Capacity	60950000	TPA
2.	Whether the project proposed to be located in the Notified industrial area?		No

3. Details of Consent under Air (P&CP) Act, 1981 & Water (P&CP) Act, 1974

Consent No/Application No	Date	Valid Up to	Copy of Consent order
APPCB/VSP/VSP/113/CFO/HO/2020	10/09/2020	31/12/2025	2020 - CFO Auto Renewal Order - 10.09.2020.pdf Preview

4. Details of Authorization under Hazardous & Other Waste Management Rules, 2016 and

subsequent amendment

Authorization No./ Application No	Date	Valid Up to	Copy of Authorization order
APPCB/VSP/113/HO/CTO/2015	13/01/2023	31/12/2025	2023- CTO & HWA Amendment for Waste Oil - 13.01.2023.pdf Preview

Product Details

1. Details of products & by-products including changes in product mix

List of products/by-products permitted under EC / CTO with CAS Number	Quantity permitted under EC / CTO	Unit	List of products/by-products proposed under clause 7(ii)(b) with CAS Number	Quantity proposed under clause 7(ii)(b)	Unit	Remarks if any
Iron ore- 5.5 MTPA	5500000	TPA	Iron ore- 5.5 MTPA	5500000	TPA	No change; Iron ore 5.5 Million ton per annum (5500000 TPA)
Multi-Purpose Cargo-12.7 MTPA (Agri products, (Food grains in bags or bulk, Chic-peas, Cereals, Pulses, Sugar, Raw Sugar), Slag, Limestone, Bauxite, Steel Products (Steel Beams, Coils, Billets, Angles, Channels, Project Cargo), Bulk Alumina & Other cargos	1270000	TPA	Multi-Purpose Cargo-11.7 MTPA (Agri products, (Food grains in bags or bulk, Chic-peas, Cereals, Pulses, Sugar, Raw Sugar), Slag, Limestone, Bauxite, Steel Products (Steel Beams, Coils, Billets, Angles, Channels, Project Cargo), Bulk Alumina & Other cargos	1270000	TPA	Decreased by 1 Million Ton Per Annum; Multi-Purpose Cargo-11.7 MTPA
Industrial Raw Material - 3.5 MTPA (Ferro silicon, Charge Chrome, Chrome ore, Coal Tar (Bags), Aluminum Ingots, Aluminum Billets, Bentonite, Pig iron, Manganese ore, Wood items, Paper bundles, CP Coke Bauxite, gypsum, clinker, scrap)	3500000	TPA	Industrial Raw Material - 3.5 MTPA	3500000	TPA	No Change
Liquid cargo (Edible oil, caustic lye) -0.5 million tons per annum	500000	TPA	Liquid cargo- 1.5 Million Tons per annum (Edible oil, caustic lye); Proposed - LPG, POL – class A, B & C etc. and non-hazardous liquid cargo etc.)	500000	TPA	Liquid cargo proposed to handle is 1.5 million tons per annum (1500000 TPA) Liquid cargo of 1.5 MTPA is already approved in Phase-II expansion for handling other liquid for which public hearing is also conducted. Now the capacity is proposed to rearrange to 1.5 MTPA to handle liquid cargo such as LPG, POL – class A, B & C etc. and non-hazardous liquid cargo, edible oil and caustic lye.
Fertilizer- 2.5 MTPA	2500000	TPA	Fertilizer- 2.5 MTPA	2500000	TPA	No Change

List of products/by-products permitted under EC / CTO with CAS Number	Quantity permitted under EC / CTO	Unit	List of products/by-products proposed under clause 7(ii)(b) with CAS Number	Quantity proposed under clause 7(ii)(b)	Unit	Remarks if any
Coal-28.25 MTPA	2825000	TPA	Coal-28.25 MTPA	2825000	TPA	No Change; Coal of 28.25 Million Ton Per Annum (28250000 TPA)
Containers - 8 MTPA	8000000	TPA	Containers - 8 MTPA	8000000	TPA	No Change

2. Details of Raw materials including water consumption and fuel consumption including changes in the raw material mix

List of raw materials envisaged under EC / CTO with CAS Number	Quantity permitted under EC/CTO	Unit	List of raw materials proposed under clause 7(ii)(b)	Quantity proposed under clause 7(ii)(b)	Unit	Remarks if any
None	0	TPA	None	0	TPA	Activity is seaport where cargo handling (import and export) are being taken place. No Raw materials are involved

2.1.	Approval for additional water consumption if applicable	No
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3.Details of Effluent Generation

3.1.Quantity

Propose	Quantity of existing effluent generation in KLD (as per EC/CTO)	Quantity of effluent generation after the proposed change in product or raw material mix in KLD	Mode of Disposal Ultimate Receiving Body
Domestic	46.4	2.4	Wastewater treatment facilities such as Sewage Treatment Plant (STP) of 30 KLD and 5 KLD are being operated currently at the port. For 60.95 MTPA modernisation proposal, additional 15 KLD of STP is proposed to be developed. Now due to liquid terminal development, sewage generation of 2.4 KLD is anticipated, this quantity will be accommodated in the proposed 15 KLD STP as there is reduction of 1 MTPA of multipurpose cargo where number of employee and sewage generation will be reduced. Therefore, existing STP of 30 KLD, 5 KLD along with proposed 15 KLD

Propose	Quantity of existing effluent generation in KLD (as per EC/CTO)	Quantity of effluent generation after the proposed change in product or raw material mix in KLD	Mode of Disposal Ultimate Receiving Body
			STP will cater the sewage generation due to change in configuration of activity, no additional wastewater treatment will be required. The treated wastewater is being used for irrigating greenbelt development after meeting the discharge standards

3.2. Quality

Composition as per the EC/CTO	Concentration as per EC/CTO in (mg/L)	Composition after proposed change in product or raw material mix	Concentration after proposed change in product or raw material mix in (mg/L)	Remarks, if any
NA- Domestic wastewater- no change	0	NA- Domestic wastewater- no change	0	NA- Domestic wastewater- no change

3.3. Total load in respect of Effluent

Total load in respect of Effluent as per the EC/CTO	Treatment facility existing (with capacity in KLD)	Total load in respect of Effluent after proposed change in product or raw material mix in KLD	Treatment facility proposed with capacity after proposed change in product or raw material mix in KLD	Remarks if any
46.4	0	48.8	50	Wastewater treatment facilities such as Sewage Treatment Plant (STP) of 30 KLD and 5 KLD are being operated currently at the port. For 60.95 MTPA modernisation proposal, additional 15 KLD of STP is proposed to be developed. Now due to liquid terminal development, sewage generation of 2.4 KLD is anticipated, this quantity will be accommodated in the proposed 15 KLD STP as there is reduction of 1 MTPA of multipurpose cargo where number of employee and sewage generation will be reduced. Therefore, existing STP of 30 KLD, 5 KLD along with proposed 15 KLD STP will cater the sewage generation due to change in configuration of activity, no additional wastewater treatment will be required. The treated wastewater is being used for irrigating greenbelt development after meeting the discharge standards

3.4. Details of effluent management

3.4.1. Whether Segregation of Concentrated stream and its disposal is proposed?	No
7.4.2. Whether Reduction / Recycle / Reuse of effluent are proposed?	Yes
7.4.2.1. Brief report on details of Reduction / Recycle / Reuse of effluent	STP-reuse.pdf Preview
7.4.3. Whether any additional Effluent Treatment Facilities Provided?	No
7.4.4. Whether is there any proposal for up-gradation of ETP?	No
7.4.5. Whether the unit is having Membership of Common Effluent Conveyance / Disposal Facility?	No
7.4.6. Whether it is Proposed to achieve zero discharge?	No
7.4.7. Whether Project has Membership of CETP?	No

Emission Generation

1.Details of Emission Generation

1.1.

Quantity

(i) From Stacks

Point Source (s)	Height of stack (m)	As per EC / CTO			After the proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
NA	0	0	Others	0	Others	0	Others	0	Others

(ii) From Fugitive sources

Fugitive Sources	Height of discharge in m	As per EC / CTO			After the proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
NA	0	0	Others	0	Others	0	Others	0	Others

(iii) From other sources

Other Source(s)	Height of discharge in m	As per EC / CTO			After proposed change in product or raw material mix				
		Emission rate	Unit	Total emission	Unit	Emission rate	Unit	Total emission	Unit
NA	0	0		0	Others	0	Others	0	Others

1.2.

Quality

Stack attached to	Stack Height in Meter	APCM	Parameter	Concentration						
				As per EC / CTO	Unit	After the proposed change in product or raw material mix			Unit	
NA	0	0	0	0	Others	0				Others

2.

Total load in respect of Emission

Total load in respect of emission as per the EC / CTO	Unit	APCM existing with capacity	Unit	Total load in respect of emission after proposed change in product or raw material mix	Unit	APCM proposed with capacity after proposed change in product or raw material mix	Unit	Remarks if any
0	Others	0	Others	0	Others	0	Others	The proposal is for change in cargo mix within approved handling capacity of 60.95 MTPA. The cargo proposed for interchange of capacity is "1.0 MTPA reduction in multipurpose cargo and increase of liquid cargo to 1.5 MTPA" as stated in Table 1. The liquid cargo is proposed to be handled completely with robust equipment, pipelines and storage tanks with completed safety features in place. As there is no change in dusty cargo, air pollution anticipated during modernisation proposal of 60.95 MTPA will not have any change. In fact, the number of trucks to be used for handling multipurpose cargo will come down as majority of the liquid cargo will be handled through pipelines. Therefore, there will be no increase in emission load due to proposed change in configuration of activity

3.Details of emission management

3.1. Whether there is any Proposal for switching over to cleaner fuel?	No
3.2. Whether there is any Proposal for the up gradation of existing APCM? (with the time-bound program)	No
3.3. Whether there is Proposal for the installation of new APCM? (with time-bound program)	No

1.Hazardous Waste Generation

1.1.

Quantity and type of waste

Type of Waste	Category (As per Schedule under Hazardous & Other Waste Management Rules, 2016)	Generation per Year						
		Existing as per the EC / CTO	Unit	After Change in Product Mix	Unit	Source of Generation	Mode of Storage	Mode of Treatment & Disposal method
Waste/ used oil / oil sludge generated in ships	5.1	600	Tons per Annum (TPA)	0	Others	Port activity	Shall be routed through M/s. APEMC to authorized recyclers/ re-processors directly from the ship	Shall be routed through M/s. APEMC to authorized recyclers/ re-processors directly from the ship
Waste oil/used oil	5.1	25	Tons per Annum (TPA)	0	Others	Port activity	Shall be routed through M/s. APEMC to authorized re-processors / recyclers	Shall be routed through M/s. APEMC to authorized re-processors / recyclers

1.2.

Details of Waste management

1.2.1. Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	Yes
1.2.1.1. Brief report on Proposal for reduction / recovery / reuse / recycle / sale of waste, if any'	HW .pdf Preview
1.2.2. Whether Project has Membership of Common Secured Landfill Site?	No
1.2.3. Whether Project has Membership of Common hazardous waste incineration facility	No

2.
No Increase in Pollution Load certificates from the authorized environmental auditor and countersigned by Project Proponent

2.1. Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC	Proposal for Change in Configuration of Activity as per provision of “clause 7(ii) (c)” of EIA noti.
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	Final AGPL Report-RA-11.05.2023.pdf Preview

3.
Online Continuous effluent/emission Monitoring System

Quantity

							Date of connection to the servers of	
Attribute	Constituents	Date of installation	Details calibration of OCEMS	No. of time data exceeds the limit	Value Exceeded	Status of OCEMS functioning	CPCB	SPCB
Emissions	NA	04/08/2023	0	0	0	No	No	No

1.Additional Information

Sr. No.	Document Name	Remark	Document
1	Covering letter	Change in Configuration of Activity as per provision of “clause 7(ii) (c)” of EIA notification, 2006 at Adani Gangavaram Port Limited (AGPL) within approved Cargo Handling capacity of 60.95 MTPA	AGPL-MoEF&CC - Letter - 04.08.2023.pdf Preview

1.Undertaking

I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost. In addition to the above, I hereby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	Jyothi Dantuluri
1.2. Designation	Vice President Environment
1.3. Company	M/S. GANGAVARAM PORT LIMITED
1.4. Address	M/s.Gangavaram Port Limited Peda Gantiyada Mandal, Visakhapatnam District
1.5. Date	08-08-2023