



सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change



Date: 03/10/2023

ACKNOWLEDGEMENT

This is to acknowledge that Indian Oil Corporation Limited has provided the information on PARIVESH Portal in respect of Bitumen unit of 832 TMTA capacity at Paradip Refinery in the format attached herewith under the provisions of Para 7(ii) b of EIA Notification, 2006 and its subsequent amendment S.O.980 (E), dated 02nd March 2021.

To claim exemption from obtaining Prior Environment Clearance under the provisions of Para 7(ii) b of EIA Notification, 2006 and its subsequent amendment S.O 980 (E) dated 02nd March 2021 in respect of any increase in production capacity with or without any change in (i) raw material-mix or (ii) product-mix or (iii) quantities within products or (iv) number of products including new products falling in the same category or (v) configuration of the plant or process or (vi) operations in existing area or (vii) In areas contiguous to the existing area specified in the environmental clearance of the project, the 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 or expansion or modernization will result or has resulted in 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.		Yes
Whether Project /Activity accorded prior EC?		
1.1.	IA/OR/IND2/251949/2022	
Proposal No.		
1.2.	Installation of Ethylene Recovery Unit, Mono Ethylene Glycol Unit & BS-VI Facility with Proposed Aviation Gasoline of 6TMTA within the Existing Refinery Complex by M/s. Indian Oil Corporation Limited at Paradip Refinery cum Petrochemical Complex	
Name of Project		

1.3. Whether the Project Activity attracts the provisions under	7(ii) (b)	
1.3.1. Category		A
1.3.2. Whether Project/Activity falls in the category of Processing or Production or Manufacturing Sectors?		Yes
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	4(a) Petroleum refining industry	NA
1.3.3.2. Capacity	832	TPA
1.3.3.3. Whether Project/Activity falls in 'B2' Category		No
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
4627/IND-I-CON-6414	24/03/2023	31/03/2025	CTO 2023-25.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
IND-IV-HW-930/2000	31/07/2023	31/03/2024	HWA amended_Size reduced.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
Bitumen	0	TPA	Bitumen	832000	TPA	Additional product

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
						introduced
Petcoke	1253000	TPA	Petcoke	1076828	TPA	Only existing Product with change in capacity

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
No change in raw material	0	TPA	No change in raw material	0	TPA	

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
Total Industrial	8400	8400	Existing etp

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
Within MINAS limit	125	Within MINAS limit	125	No change in quality

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
8400	125	8400	125	

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?	No
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
Stack discharge	60	24000	Kg Per Day	24000	Kg Per Day	24000	Kg Per Day	24000	Kg Per Day

(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
Nil	0	0	g/s	0	Kg Per Day	0	Kg Per Day	0	Kg Per Day

(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
0	0	0		0	Kg Per Day	0	Kg Per Day	0	Kg Per Day

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
Proposed unit	60	Caustic scranner	SOx	24000	Kg Per Day	24000	Kg Per Day

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
24000	Kg Per Day	0	Kg Per Day	84000	Kg Per Day	0	Kg Per Day	Only one additional stack proposed and the emissions within existing limit

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
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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
No solid waste in proposed project	Schedule I Stream 4.2	6200	Tons per Annum (TPA)	6200	Tons per Annum (TPA)	Process units	Interim storage	Co processing/ Authorised seller/ Disposal in captive slf

1.2.

Details of Waste management

1.2.1. Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	No
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	Institution Empaneled By the SPCB
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Empaneled by the SPCB/CPCB/MoEFCC	
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	Certificate from authorized agency.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
Effluents	COP/PH/TSS/BOD	01/04/2016	Regular intervals	0	0	Yes	No	No

1.Additional Information

S. No.	Document Name	Remark	Document
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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	SHAHZADA FIROZ HASHMY
1.2. Designation	CHIEF MANAGER - HSE
1.3. Company	Indian Oil Corporation Limited
1.4. Address	PARADIP REFINERY, INDIAN OIL CORPORATION LIMITED
1.5. Date	03-10-2023