



Government of India
Ministry of Environment, Forest and Climate Change



Date: 23/10/2023

ACKNOWLEDGEMENT

This is to acknowledge that RANA SUGARS LIMITED has provided the information on PARIVESH Portal in respect of RANA SUGARS LIMITED 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/UP/I&D2/52839/2015	
Proposal No.		
1.2.	Expansion of Molasses based Distillery from 80 KLPD to 110 KLPD by enabling usage of alternative feedstock B-Heavy Molasses/Cane Juice/Grain	
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	5(g) Distilleries	Molasses based	
1.3.3.2. Capacity	110	KLD	
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
181142/UPPCB/MORADABAD(UPPCBRO)/CTO/BOTH/MORADABAD/2023	15/05/2023	31/12/2024	CTO Certificate.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
9087/UPPCB/MORADABAD(UPPCBRO)/CTO/BOTH/MORADABAD/2019	03/02/2020	02/02/2025	HWMAuthorisation.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
Rectified Spirit/ENA/Ethanol (64175)	80	TPD	Rectified Spirit/ENA/Ethanol (64175)	110	TPD	Increase in production due to change in feed stock as B-Heavy Molasses/Cane Juice/Grain based operation

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
Fresh Water (7732185)	470	TPD	Fresh Water (7732185)	410	TPD	Fresh water consumption will reduce during B-Heavy Molasses based operation
C-Heavy Molasses(68476788)	381	TPD	B-Heavy Molasses(68476788)	355	TPD	Policy enables usage of B-Heavy Molasses
Fresh Water (7732185)	470	TPD	Fresh Water (7732185)	447	TPD	Fresh water consumption will reduce during Grain based operation
Fuel for Boiler (9006977)	480	TPD	Fuel for Boiler (9006977)	480	TPD	No Change during B-Heavy Molasses/Cane Juice/Grain based operation
Fresh Water (7732185)	470	TPD	Fresh Water (7732185)	405	TPD	Fresh water consumption will reduce during Cane Juice based operation
C-Heavy Molasses(68476788)	381	TPD	Grain (9005258)	275	TPD	Policy enables usage of Grain
C-Heavy Molasses(68476788)	381	TPD	Cane Juice (68476788)	335	TPD	Policy enables usage of Cane Juice
2.1. Approval for additional water consumption if applicable						No

3.Details of Effluent Generation

3.1.Quantity

Propose	Quantity of existing effluent generati on 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	15	15	Greenbelt
Industrial	621	560	Recycle during Cane Juice based operation
Industrial	621	581	Recycle during B-Heavy Molasses based operation
Industrial	621	402	Recycle during Grain based operation

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
COD (Inlet of CPU)	3500	COD (Inlet of CPU)	2000	COD Load will reduce during Cane Juice based operation
BOD (Outlet of CPU)	15	BOD (Outlet of CPU)	10	BOD Load will reduce during Cane Juice based operation
BOD (Inlet of CPU)	800	BOD (Inlet of CPU)	700	BOD Load will reduce during B-Heavy Molasses based operation
BOD (Outlet of CPU)	15	BOD (Outlet of CPU)	10	BOD Load will reduce during Grain based operation
COD (Inlet of CPU)	3500	COD (Inlet of CPU)	2200	COD Load will reduce during Grain based operation
BOD (Inlet of CPU)	800	BOD (Inlet of CPU)	710	BOD Load will reduce during Grain based operation
BOD (Outlet of CPU)	15	BOD (Outlet of CPU)	10	BOD Load will reduce during B-Heavy Molasses based operation
COD (Inlet of CPU)	3500	COD (Inlet of CPU)	2500	COD Load will reduce during B-Heavy Molasses based operation
BOD (Inlet of CPU)	800	BOD (Inlet of CPU)	500	BOD Load will reduce during Cane Juice based operation
COD (Outlet of CPU)	65	COD (Outlet of CPU)	52	COD Load will reduce during Cane Juice based operation
COD (Outlet of CPU)	65	COD (Outlet of CPU)	55	COD Load will reduce during Grain

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
				based operation
COD (Outlet of CPU)	65	COD (Outlet of CPU)	56	COD Load will reduce during B-Heavy Molasses based operation

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
621	720	581	720	Existing CPU capacity sufficient for ZLD
621	720	560	720	Existing CPU capacity sufficient for ZLD
621	720	402	720	Existing CPU capacity sufficient for ZLD

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	ETP CPU.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?	Yes
7.4.6.1. Brief report on Proposal to achieve zero discharge with technical justification and feasibility	ETP CPU.pdf Preview
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
52 TPH Existing Bolier	62	202320	Others	4855680	Others	202320	Others	4855680	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
Existing Boiler of 52	62	ESP	PM	28.12	Miligram per cubic Normal	28.12	Miligram per cubic Normal

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
TPH					meter (mg/Nm3)		meter (mg/Nm3)

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
136.54	Kg Per Day	49	Miligram per Normal cubic meter (mg/Nm3)	136.54	Kg Per Day	49	Miligram per Normal cubic meter (mg/Nm3)	No Change ESP already installed

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
Spent Oil	5.1	0.75	Tons per Annum (TPA)	0.75	Tons per Annum (TPA)	Turbine & D.G. Set	Steel Drums	Sale to Authorized Recycler

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 Empaneled by the SPCB/CPCB/MoEFCC	Authorized Environmental Auditors
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	NIPL Certificate-CPTL.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	Online Stack Monitoring System at Boiler	18/06/2020	PM	0	0	Yes	18/06/2020	18/06/2020
Effluents	Online Flow Meters & Camera	10/06/2020	BOD COD	0	0	Yes	10/06/2020	10/06/2020

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	Ajayinder Majithia
1.2. Designation	VP
1.3. Company	RANA SUGARS LIMITED
1.4. Address	SCO 49-50, Sector 8-C, Chandigarh
1.5. Date	23-10-2023