



Government of India  
Ministry of Environment, Forest and Climate Change



Date: 25/10/2023

ACKNOWLEDGEMENT

This is to acknowledge that TRIVENI ENGINEERING AND INDUSTRIES LTD has provided the information on PARIVESH Portal in respect of “No increase in pollution load certificate” for proposed expansion of existing distillery unit from 160 KLD to 200 KLD due to addition of alternative feedstock Cane Juice Syrup of M/s Triveni Engineering & Industries Limited, Unit - Bulandshahar 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.	Whether Project /Activity accorded prior EC?	Yes
1.1.	Proposal No.	IA/UP/IND2/71743/2017

1.2. Name of Project	"No increase in pollution load certificate" for proposed expansion of existing distillery unit from 160 KLD to 200 KLD due to addition of alternative feedstock Cane Juice Syrup		
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	160	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
169564/U PPCB/Bulandshahar(U PPCBRO)/CTO/both/BULAND SHAHAR/2022	21/11/2021	31/12/2024	CTO_Distillery.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
16328/U PPCB/Bulandshahar(U PPCBRO)/HWM/Bulandshahr/2022	17/02/2022	16/02/2026	HWM.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
ENA/Absolute Alcohol/RS - 160 KLD	160	TPD	ENA/Absolute Alcohol/RS - 200 KLD	200	TPD	Proposed expansion of existing distillery unit from 160 KLD to 200 KLD due to addition of alternative feedstock Cane Juice Syrup

## 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
C Heavy Molasses	720	TPD	Cane Juice Syrup	645	TPD	Raw Material requirement will be reduced during Cane Juice syrup based operation at 200 KLD.

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
Boiler	50	50	No change in quantity, 100 % blowdown water will be treated in CPU and recycled.
Process + APCM	192	240	Spent lees generation increases, but 100 % will be treated in CPU and recycled back into the process and cooling.
Washing	60	60	No change in quantity, 100 % will be treated in CPU and recycled.
Cooling	120	120	No change in quantity, 100 % blowdown water will be treated in CPU and recycled.
Industrial	1280	1075	Spent wash generation reduced, hence pollution load will decrease

### 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	195000	COD	130000	COD load will be reduced due to decrease in spent wash generation during Cane Juice syrup based operation.
BOD	117000	BOD	65000	BOD load will be reduced due to decrease in spent wash generation during Cane Juice syrup based operation.
TSS	12000	TSS	8000	TSS load will be reduced due to decrease in spent wash generation during Cane Juice syrup based operation.
TDS	130000	TDS	100000	TDS load will be reduced due to decrease in spent wash generation during Cane Juice syrup 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
1280	1280	1075	1500	Spent Wash generation will be reduced during Cane Juice Syrup based operation.
1677	1677	1366	1700	Other effluent generation will be reduced, hence existing CPU found adequate to handle the effluent load.

### 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 /	Water Balance.pdf Preview

Reuse of effluent	
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	ZLD.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
Stack attached to Incineration Boiler (PM)	84	50	Mg/Cu.M	106.27	Kg Per Day	45	Mg/Cu.M	91.61	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
0	0	0	Kg Per Day	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	Mg/Cu.M	0	Mg/Cu.M	0	Mg/Cu.M

## 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
Stack attached to Incineration Boiler - 60 TPH	84	Bag filter	NO2	148.78	Kg Per Day	62.7	Kg Per Day
Stack attached to Incineration Boiler - 60 TPH	84	Bag filter	Particulate Matter	106.27	Kg Per Day	91.61	Kg Per Day
Stack attached to Incineration Boiler - 60 TPH	84	Bag filter	SO2	116.9	Kg Per Day	57.6	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
371.95	Kg Per Day	500	Kg Per Day	211.91	Kg Per Day	500	Kg Per Day	N/A

## 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
Hazardous Waste	5.1	2	Tons per Annum (TPA)	2	Tons per Annum (TPA)	Plant and Machinery	In Drums at Dedicated place	Sent to TSDF for further disposal

### 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
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2.2. Upload the Certificate of 'No Increase in Pollution' Load.	0.1 Sabitgarh No Increase in Pollution Load.pdf Preview
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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	Particulate Matter	28/04/2019	Quarterly	0	0	Yes	15/05/2019	15/05/2019

### 1.Additional Information

S. No.	Document Name	Remark	Document
1	NABET Certificate (ETRC)	NABET Certificate (ETRC)	ETRC NABET Certificate.pdf Preview
2	No Increase in pollution load Certificate	No Increase in pollution load Certificate	0.1 Sabitgarh No Increase in Pollution Load.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	Ashish Awasthi
1.2. Designation	Generalmanager
1.3. Company	TRIVENI ENGINEERING AND INDUSTRIES LTD
1.4. Address	Vill.-Sabitgarh, PO - Karora, Teh.- Khurja, Distt - Bulandshahr
1.5. Date	25-10-2023