



सत्यमेव जयते

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



Date: 11/12/2024

**ACKNOWLEDGEMENT**

This is to acknowledge that DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED has provided the information on PARIVESH Portal in respect of No increase in pollution load certificate for proposing to utilize Cane Juice Syrup as alternate raw material along with Grains without increase in production capacity from 500 KLD by M/s Dalmia Bharat Sugar and Industries Limited, Grain Distillery, Unit-Jawaharpur 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

[CAFForm 10](#)

**Application for No Increase in Pollution Load - Form-10**

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**Basic Details**

<b>1.</b> Whether Project /Activity accorded prior EC?	Yes	
<b>1.1.</b> Proposal No.	IA/UP/IND2/414564/2023	
<b>1.2.</b> Name of Project	Expansion of Grain based Ethanol Plant from 200 KLPD to 500 KLPD along with Co-generation power plant from 10 MW to 20 MW under Ethanol Blending Programme at Village Jawaharpur, Tehsil Misrikh, District Sitapur, Uttar Pradesh by M/s Dalmia Bharat Sugar and Industries Limited, Grain Distillery Unit-Jawaharpur	
<b>1.3.</b> Whether the Project Activity attracts the provisions under	7(ii) (b)	
<b>1.3.1.</b> Category	A	
<b>1.3.2.</b> Whether Project/Activity falls in the category of Processing or Production or Manufacturing Sectors?	Yes	
<b>1.3.3.</b> Whether multiple items (Components) as per the notification involved in the proposal?	No	
<b>1.3.3.1.</b> Item No. as per schedule to EIA Notification, 2006 for Major Activity	5(g) Distilleries	Grain based / Non-molasses based for Non-EBP
<b>1.3.3.2.</b> Capacity	500	KLD
<b>1.3.3.3.</b> Whether Project/Activity falls in 'B2' Category	No	
<b>2.</b> 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
173261/UPPCB/Lucknow(UPPCBRO)/CTO/Both/Sitapur/2023	25/10/2023	31/12/2024	cto.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
17992/UPPCB/Lucknow(UPPCBRO)/HWM/SITAPUR/2022	14/10/2022	16/10/2027	annexure - 2a, hwm certificate (1).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
Ethanol - 500 (CAS No - 64175)	500	TPD	Ethanol - 500 (CAS No - 64175)	500	TPD	No change in Production quantity on Cane Juice Syrup / Cane Juice based operation, only addition of alternative feed stock.

**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
Grain (Rice / Maize / Bajra etc) - 1110 TPD	1110	TPD	Cane Juice Syrup - 1470 TPD	1470	TPD	Raw material consumption will be reduced by 360 TPD against 100 % Cane Juice Syrup / Cane Juice based operation at 500 KLD Capacity. Only one raw material will be used as feedstock at a time.

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	30	Blow Down will reduced as one boiler will be operational.
Cooling	350	300	Blow Down will reduced as

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
			one boiler will be operational. 100 % treated in CPU and then recycled.
Washing	120	120	No change, will be 100 % treated in CPU and then recycled.
Industrial	2655	2100	Spent wash quantity reduced in Cane Juice Syrup / Cane Juice based operation. Spent wash generation rate in Grain based operation will be @ 5.31 KL/KL of Product and in Cane Juice Syrup / Cane Juice based operation it will be 4.2 KL/KL of Product.
Process + APCM	600	600	No change, will be 100 % treated in CPU and then recycled.

### 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
BOD	106200	BOD	105000	Total BOD load will be reduced during Cane Juice Syrup / Cane Juice based operation.
TSS	7965	TSS	7350	Total TSS load will be reduced during Cane Juice Syrup / Cane Juice based operation.
TDS	164610	TDS	136500	Total TDS load will be reduced during Cane Juice Syrup / Cane Juice based operation.
COD	212400	COD	178500	Total COD load will be reduced during Cane Juice Syrup / Cane Juice 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
2655	3000	2100	3000	Spent wash generation

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
				will be reduced. adequate system available for spent wash treatment.

### 3.4.Details of effluent management

3.4.1. Whether Segregation of Concentrated stream and its disposal is proposed?	Yes
3.4.1.1. Brief report on Segregation of Concentrated stream and its disposal	CPU Treatment.pdf Preview
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?	Yes
7.4.6.1. Brief report on Proposal to achieve zero discharge with technical justification and feasibility	CPU Treatment.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
As per EC 60 TPH (02 Nos) Boiler	50	130.21	Kg Per Day	400.47	Kg Per Day	118.63	Kg Per Day	232.67	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
Not applicable	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
Not applicable	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
Stack attached to Boiler	50	ESP	PM	130.21	Kg Per Day	118.63	Kg Per Day
Stack attached to Boiler	50	ESP	SO2	81.02	Kg Per Day	50.64	Kg Per Day
Stack attached to Boiler	50	ESP	NO2	189.24	Kg Per Day	63.4	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
400.47	Kg Per Day	600	Kg Per Day	232.67	Kg Per Day	600	Kg Per Day	Pollutant load on Air environment will be decrease on Cane

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
								Juice Syrup based operation.

### 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
Used Oil	5.1	0.5	Tons per Annum (TPA)	0.5	Tons per Annum (TPA)	from Plant and Machinery	Drums	Provided 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
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1.2.2. Whether Project has Membership of Common Secured Landfill Site?	No
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1.2.3. Whether Project has Membership of Common hazardous waste incineration facility	No
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**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.	00.01 nip dalmia jawaharpur grain.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	SPM	09/02/2024	Calibrated	0	0	Yes	09/02/2024	09/02/2024

**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	Pradeep Mittal
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<b>1.2.</b> Designation	AssistantExecutiveDirector
<b>1.3.</b> Company	DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED
<b>1.4.</b> Address	11th 12th Floors, Hansalaya Building, 15, Barakhamba Road, New Delhi
<b>1.5.</b> Date	11-12-2024