



सत्यमेव जयते

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



Date: **02/05/2024**

**ACKNOWLEDGEMENT**

This is to acknowledge that BALRAMPUR CHINI MILLS LIMITED UNIT MAIZAPUR has provided the information on PARIVESH Portal in respect of Expansion of Distillery capacity from 350 KLD to 437 KLD due to use of Feedstock like B Heavy Molasses / Cane Juice Syrup / Grain under provision of 7 (ii) (b) 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

1.		Whether Project /Activity accorded prior EC?	Yes
1.1.	IA/UP/IND2/209541/2021		
Proposal No.			
1.2.	Expansion of Distillery Capacity from 350 KLD to 437 KLD due to use of feedstock like B heavy Molasses / Cane Juice Syrup / Grain without increase in pollution load		
Name of Project			
1.3.	7(ii) (b)		
Whether the Project Activity attracts the provisions under			
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	Expansion of Molasses based plant for non-EBP
1.3.3.2.	Capacity	437	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
164401/U PPCB/Faizabad(U PPCBRO)/CTO/both/GONDA/2022	01/10/2022	31/12/2024	Annexure 2, 3 Copy of 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
164401/UPPCB/Faizabad(UPPCBRO)/CTO/both/GONDA/2022	01/10/2022	31/12/2024	Annexure 2, 3 Copy of CTO.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
RS / ENA / AA - 350 KLD (CAS No 64175)	350	TPD	RS / ENA / AA - 437 KLD (CAS No 64175)	437	TPD	Expansion of Distillery from 350 KLD to 437 KLD due to use of Feedstock like B Heavy Molasses / Cane Juice Syrup / Grains without no Increase in pollution load

### 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 (CAS no 68476-78-8)	1522	TPD	Cane Juice Syrup (CAS no 68476-78-8)	1325	TPD	Raw material requirement will be reduced by 197 TPD with increase in 25 % production capacity.
C heavy Molasses (CAS no 68476-78-8)	1522	TPD	Grain (Broken Rice, Maize, Bajra Sorghum etc)	971	TPD	Raw material consumption will be 971 TPD with increase in production capacity by 25 %
C heavy Molasses (CAS no 68476-78-8)	1522	TPD	B heavy Molasses (CAS no 68476-78-8)	1457	TPD	Raw material requirement will be reduced by 65 TPD with increase in 25 % production capacity.

2.1. Approval for additional water consumption if applicable	Yes
2.1.1. Upload the approval from the competent authority	Annexure 6 UPGWD NOC.pdf Preview

### 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
Process + APCM	420	524	Spent lees generation will be increased by 104 KLD at 25 % increase in production capacity during B heavy molasses based operation
Process + APCM	420	524	Spent lees generation will be increased by 104 KLD at 25 % increase in production capacity during Grain based operation
Process + APCM	420	524	Spent lees generation will be increased by 104 KLD at 25 % increase in production capacity during Cane Juice Syrup based operation
Industrial	2625	2272	Distillery unit will be based on Zero Liquid Discharge. Spent wash generation will be decreased by 353 KLD during Cane Juice Syrup based operation
Industrial	2625	2753	Distillery unit will be based on Zero Liquid Discharge. Spent wash generation will be increased by 128 KLD during Grain based operation but it is less polluting in nature.
Cooling	350	350	No Changes, 100 % boiler blow down will be treated in CPU and recycled into process.
Boiler	60	40	Boiler blow down decreases by 20 KLD during Cane Juice Syrup. Blow down will be treated in CPU and recycled into process.
Industrial	2625	2535	Distillery unit will be based on Zero Liquid Discharge. Spent wash generation will be decreased by 90 KLD during B Heavy Molasses based operation
Boiler	60	40	Boiler blow down decreases by 20 KLD during Grain. Blow down will be treated in CPU and recycled into process.
Boiler	60	50	Boiler blow down decreases by 10 KLD during B Heavy

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
			Molasses. Blow down will be treated in CPU and recycled into process.

### 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
TSS	31500	TSS	19271	TSS load will be reduced from 31500 Kg/ day to 19271 kg/ day during Grains based operation at 437 KLD
BOD	307125	BOD	147680	BOD load will be reduced from 307125 Kg/ day to 147680 kg/ day during Cane Juice Syrup based operation at 437 KLD
TSS	31500	TSS	24969.8	TSS load will be reduced from 31500 Kg/ day to 24969.8 kg/ day during B heavy Molasses based operation at 437 KLD
TDS	341250	TDS	227200	TDS load will be reduced from 341250 Kg/ day to 227200 kg/ day during Cane Juice Syrup based operation at 437 KLD
TDS	341250	TDS	88096	TDS load will be reduced from 341250 Kg/ day to 88096 kg/ day during Grains based operation at 437 KLD
TSS	31500	TSS	18176	TSS load will be reduced from 31500 Kg/ day to 18176 kg/ day during Cane Juice Syrup based operation at 437 KLD
COD	511875	COD	110120	COD load will be reduced from 511875 Kg/ day to 110120 kg/ day during Grains based operation at 437 KLD
TDS	341250	TDS	272639	TDS load will be reduced from 341250 Kg/ day to 272639 kg/ day during B heavy Molasses based operation at 437 KLD
COD	511875	COD	385320	COD load will be reduced from 511875 Kg/ day to 385320 kg/ day during B

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
				heavy Molasses based operation at 437 KLD
COD	511875	COD	295360	COD load will be reduced from 511875 Kg/ day to 295360 kg/ day during Cane Juice Syrup based operation at 437 KLD
BOD	307125	BOD	231192	BOD load will be reduced from 307125 Kg/ day to 231192 kg/ day during B heavy Molasses based operation at 437 KLD
BOD	307125	BOD	49554	BOD load will be reduced from 307125 Kg/ day to 49554 kg/ day during Grains based operation at 437 KLD

### 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
2625	3000	2535	3000	Spent wash generation will be reduced in B Heavy Molasses based operation at 437 KLD, Facilities found adequate for Spent wash treatment after expansion.
3730	4500	2797	4500	Other effluent will be reduced and 100 % will be treated in CPU plant and recycled into process, Cooling, Washing.
3730	4500	3608	4500	Other effluent will be reduced and 100 % will be treated in CPU plant and recycled into process, Cooling, Washing.
2625	3000	2753	3000	Spent wash generation will be increase in Grains based operation at 437 KLD, but less polluting in nature. Facilities found adequate for Spent wash treatment after expansion.
2625	3000	2272	3000	Spent wash generation will be reduced in Cane Juice Syrup based operation at 437 KLD, Facilities found adequate for Spent wash treatment after expansion.
3730	4500	2909	4500	Other effluent will be reduced and 100 % will be treated in CPU plant and recycled into process, Cooling, Washing.

### 3.4.Details of effluent management

<b>3.4.1.</b> Whether Segregation of Concentrated stream and its disposal is proposed?	Yes
<b>3.4.1.1.</b> Brief report on Segregation of Concentrated stream and its disposal	Annexure 7 CPU Treatment.pdf Preview
<b>7.4.2.</b> Whether Reduction / Recycle / Reuse of effluent are proposed?	Yes
<b>7.4.2.1.</b> Brief report on details of Reduction / Recycle / Reuse of effluent	Annexure 7 CPU Treatment.pdf Preview
<b>7.4.3.</b> Whether any additional Effluent Treatment Facilities Provided?	No
<b>7.4.4.</b> Whether is there any proposal for up-gradation of ETP?	No
<b>7.4.5.</b> Whether the unit is having Membership of Common Effluent Conveyance / Disposal Facility?	No
<b>7.4.6.</b> Whether it is Proposed to achieve zero discharge?	Yes
<b>7.4.6.1.</b> Brief report on Proposal to achieve zero discharge with technical justification and feasibility	Annexure 7 CPU Treatment.pdf Preview
<b>7.4.7.</b> 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
Incineration Boiler - 75 TPH	85	50	Miligram per Normal cubic meter (mg/Nm3)	1254.47	Kg Per Day	38	Miligram per Normal cubic meter (mg/Nm3)	740.73	Kg Per Day
Incineration Boiler - 75 TPH + 50 TPH as per EC	85	50	Miligram per Normal cubic meter (mg/Nm3)	1254.47	Kg Per Day	42	Miligram per Normal cubic meter (mg/Nm3)	958.77	Kg Per Day

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
Incineration Boiler - 75 TPH + 50 TPH as per EC	85	50	Miligram per Normal cubic meter (mg/Nm3)	1254.47	Kg Per Day	43	Miligram per Normal cubic meter (mg/Nm3)	1001.73	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	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
Incineration Boiler	85	ESP	Particulate matter	50	Miligram per Normal cubic meter (mg/Nm3)	50	Miligram per Normal cubic 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
1254.47	Kg Per Day	1500	Kg Per Day	1001.73	Kg Per Day	1500	Kg Per Day	Air Pollution Load will be reduced during B heavy Molasses based operation at expanded capacity of 437 KLD
1254.47	Kg Per Day	1500	Kg Per Day	958.77	Kg Per Day	1500	Kg Per Day	Air Pollution Load will be reduced during Cane Juice based operation at expanded capacity 437 KLD
1254.47	Kg Per Day	1500	Kg Per Day	958.77	Kg Per Day	1500	Kg Per Day	Air Pollution Load will be reduced during Grains based operation at expanded capacity 437 KLD

### 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 &	Category 5.1	3.6	Tons per	3.6	Tons per	Plant and	Will be	Provided for

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
Grease			Annum (TPA)		Annum (TPA)	Machinery	stored in Plastic Drums	TSDF for further disposal
Waste Containing Oil	5.2	2	Tons per Annum (TPA)	2	Tons per Annum (TPA)	Plant machinery cleaning	Stored in plastic drums.	Provided for TSDF for further disposal

## 1.2.

### Details of Waste management

<b>1.2.1.</b> Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	No
<b>1.2.2.</b> Whether Project has Membership of Common Secured Landfill Site?	No
<b>1.2.3.</b> Whether Project has Membership of Common hazardous waste incineration facility	Yes
<b>1.2.3.1.</b> Brief report on Membership of Common hazardous waste incineration facility (if any)	CertiFicateHWM.pdf Preview

## 2.

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

<b>2.1.</b> Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC	Authorized Environmental Auditors
<b>2.2.</b> Upload the Certificate of 'No Increase in Pollution' Load.	NIP.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	SPM	01/01/2023	Calibrated	0	0	Yes	01/01/2023	01/01/2023

**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 hearby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	Vinay khanna
1.2. Designation	Corporate Head
1.3. Company	BALRAMPUR CHINI MILLS LIMITED UNIT MAIZAPUR
1.4. Address	Village maizapur haldharmau, tehsil Colonelganj. district gonda
1.5. Date	02-05-2024