



सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change



Date: 26/10/2023

ACKNOWLEDGEMENT

This is to acknowledge that WAVE DISTILLERIES AND BREWERIES LIMITED has provided the information on PARIVESH Portal in respect of Wave Distilleries and Breweries Ltd Grain Unit 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.		74/PARYA/SEAC/2642 4116/2016
Proposal No.		
1.2.		Wave Distilleries and Breweries Ltd
Name of Project		

1.3. Whether the Project Activity attracts the provisions under	7(ii) (b)	
1.3.1. Category	B1	
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	Garin based / Non-molasses based for Non-EBP
1.3.3.2. Capacity	70	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
159715/U PPCB/Aligarh(U PPCBRO)/CTO/both/ALIGARH/2022	04/07/2022	31/12/2023	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
159715/U PPCB/Aligarh(U PPCBRO)/CTO/both/ALIGARH/2022	04/07/2022	31/12/2023	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
Rectified Spirit / ENA / Ethanol 64175	58	TPD	Rectified Spirit / ENA / Ethanol 64175	70	TPD	Increase in Production capacity from 58 KLD

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
						to 70 KLD (approx 20 %), All values in KLD

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
Grains 9057072 (Broken Maize and Rice)	125	TPD	Grains 9057072 (Broken Rice)	160	TPA	20 % Increase in production capacity due to change in raw material mix. (raw materials will remain within the approved quantity outlined in the granted EC after the expansion.)
2.1.	Approval for additional water consumption if applicable					No

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
Industrial	345	345	Spent wash management :Decantation followed by multiple effect evaporation (MEE) followed by Drying – converting to DDGS. Spent wash generation will not be increase in mode 2. As maize generally has around 20-30% more solid content compared to rice leading to high ratio of spent wash in mode 1, and in mode 2 no maize will be used.
Other	430	470	As per granted existing EC the total wastewater generation can be upto 475 KLD at 58 KLD product, while in expanded capacity to 70 KLD the value in pollution load is not increased in terms of wastewater quantity. Process condensate, Spent Lees to

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
			Process, Boiler BDN, cleaning and others, Other effluent; 470 m3/day (~ 6.7 KL/KL) shall be treated in existing adequate CPU followed by Process Ultra filtration / RO. Treated water from RO will be directly recycled into the 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
COD	42240	COD	41220	Total volume and COD load will be decrease as the solid content and starch content in the broken maize is higher as compared to broken rice and in mode 2 only broken rice will be used. (Values are in kg/day).
BOD	19008	BOD	18090	Total volume and BOD load will be decrease as the solid content and starch content in the broken maize is higher as compared to broken rice and in mode 2 only broken rice will be used. (Values are in kg/day).
TSS	5650	TDS	5060	Total volume and TSS load will be decrease as the solid content and starch content in the broken maize is higher as compared to broken rice and in mode 2 only broken rice will be used. (Values are in kg/day).
TDS	33795	TDS	30202	Total volume and TDS load will be decrease as the solid content and starch content in the broken maize is higher as compared to broken rice and in mode 2 only broken rice will be used. (Values are in kg/day).

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
430	18090	470	500	Load on Condensate Polishing unit will be within approved capacity as per EC. (As per

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
				granted EC the total wastewater generation can be upto 475 KLD at 58 KLD product) Unit has installed CPU of capacity 500 kld to manage Other effluent. Unit will maintain zero liquid discharge also after proposed expansion.

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.pdf Preview
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	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	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
20 TPH BOILER	55	150	Miligram per Normal cubic meter (mg/Nm3)	150	Miligram per Normal cubic meter (mg/Nm3)	150	Miligram per Normal cubic meter (mg/Nm3)	150	Miligram per Normal cubic meter (mg/Nm3)

(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	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)

(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
NO ANY	0	0		0	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)	0	Miligram per Normal cubic meter (mg/Nm3)

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
20 TPH BOILER	55	ESP	PM	150	Miligram per Normal cubic meter (mg/Nm3)	150	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
223.8	Kg Per Day	500	Kg Per Day	223.8	Kg Per Day	500	Kg Per Day	There will be no additional load on APCs(ESP-already installed) and Air Environment during Grain based operation as no change in boiler capacity

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
N/A	N/A	0	Kg Per Day	0	Kg Per Day	N/A	N/A	N/A

1.2.

Details of Waste management

1.2.1. Whether Proposal for reduction / recovery / reuse / recycle / sale of waste (with technical details) is proposed?	Yes
1.2.1.1. Brief report on Proposal for reduction / recovery / reuse / recycle / sale of waste, if any'	SOLID.pdf Preview
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	Dr Rajesh K Singh NABET QCIAPPROVED EIA COORDIAN TORDISTILLERY SECTOR
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	SAWEN FINAL.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	Web Camera ZLD UNIT	01/01/2022	calibration of OCEMS done at time of	0	0	Yes	15/03/2022	15/03/2022

							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
			installation					
Emissions	PM Monitor	01/01/2022	calibration of OCEMS done at time of installation	0	0	Yes	15/03/2022	15/03/2022

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	Manish Singh
1.2. Designation	ENVIRONMENT MANAGER
1.3. Company	WAVE DISTILLERIES AND BREWERIES LIMITED
1.4. Address	atrauli aligarh
1.5. Date	26-10-2023