



सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change



Date: 03/11/2023

ACKNOWLEDGEMENT

This is to acknowledge that M/S NU VISTA LIMITED has provided the information on PARIVESH Portal in respect of Enhancement in production of Cement Mill from 3.0 MTPA to 3.5 MTPA through process optimization and modernization of Nu Vista Ltd at Village- Risda, PO and District- Baloda Bazar, Chhattisgarh 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/CG/IND/89610/2018

1.2. Name of Project	Enhancement in production of Cement Mill from 3.0 MTPA to 3.5 MTPA through process optimization and modernization of Nu Vista Ltd at Village- Risda, PO and District- Baloda Bazar, Chhattisgarh		
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	3(b) Cement plants	Integrated Cement plants and Grinding units	
1.3.3.2. Capacity	3.5	MTPA	
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
7297 /TS/CECB/2023	17/01/2023	31/01/2024	CTO Renewal upto 31.012024.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
7369/HSMD/HO/CECB/2022	18/01/2022	23/12/2026	6. Renewal of HWA up to 2026.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
Cement	3000000	TPA	Cement	500000	TPA	The proposal is for enhancement of Existing cement production from 3.0 MTPA to 3.5 MTPA

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
Flyash	1999.8	TPD	Fly ash	348	TPD	Total Fly ash consumption will be 2333 TPD after proposed enhancement
Slag	5.8	TPD	Slag	1.2	TPD	Total Slag Consumption will be 7 TPD after proposed enhancement
Gypsum	8695	TPD	Gypsum	112	TPD	Total Gypsum consumption will be 754.5 TPD after proposed enhancement

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
Domestic	75	0	Domestic Wastewater is treated in STP (2x50 KLD) and the treated water is used in plantation and dust suppression

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	28.7	BOD	28.7	No Change

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
Oil and Grease	9.5	Oil and Grease	9.5	No Change
COD	84.6	COD	84.6	No Change
pH	7.55	pH	7.55	No Change

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
29.25	80	29.25	100	Domestic wastewater will be treated in STP and treated water will be reused in plantation and dust suppression

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	Nu Vista_Pollution Load Report - R04.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	Nu Vista_Pollution Load Report - R04.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
Cement Mill Stack	30	0.22	Tons per Day (TPD)	25	Miligram per Normal cubic meter (mg/Nm3)	0.2	Tons per Day (TPD)	25	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
At Cement Mill Area	0.5	0.22	Tons per Day (TPD)	25	Miligram per Normal cubic meter (mg/Nm3)	0.2	Tons per Day (TPD)	25	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
Cement Mill	30	0.22		25	Miligram per Normal cubic meter (mg/Nm3)	0.2	Tons per Day (TPD)	25	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
Cement Mill	30	Bag House	PM	25	Miligram per Normal cubic meter (mg/Nm3)	25	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
0.22	Tons per Day (TPD)	423	Others	0.2	Tons per Day (TPD)	423	Others	Bag House of Dust Loading capacity 423 gm/m3 is sufficient to handle existing and proposed enhancement loads

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/Spent Oil	5.1	70	Others	70	Others	Gen. Set	PVC Drums	The used oil/ Spent oil is either sold to Authorized Recyclers or Co-Processed in Cement Kiln
Chemical Sludge from waste water treatment	35.3	0.5	Tons per Annum (TPA)	0.5	Tons per Annum (TPA)	STP	PVC Drums	Co-process in Cement Kiln
Sludge and Filters Contaminated with Oil	3.3	10	Tons per Annum (TPA)	10	Tons per Annum (TPA)	Plant Operations	PVC Drums	Sale to authorized recyclers
Empty barrels/ Containers/Liners contaminated with hazardous chemicals/ Wastes	33.1	10	Tons per Annum (TPA)	10	Tons per Annum (TPA)	Plant Operations	Concrete Floor	Sale to authorized recyclers
Spent ion Exchange resin containing toxic metals	35.2	0.5	Tons per Annum (TPA)	0.5	Tons per Annum (TPA)	Plant Operations	PVC Drums	Co-process in Cement Kiln

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

<p>2.1. Authorized environmental auditor/Reputed Institution Empaneled by the SPCB/CPCB/MoEFCC</p>	<p>Authorized Environmental Auditors</p>
<p>2.2. Upload the Certificate of 'No Increase in Pollution' Load.</p>	<p>NABET Certificate.pdf Preview</p>

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	TSS, pH, COD & BOD	14/08/2021	28.08.2023	0	0	Yes	09/12/2021	09/12/2021
Emissions	PM	02/02/2016	18.06.2023	0	0	Yes	31/12/2016	31/12/2016

1.Additional Information

S. No.	Document Name	Remark	Document
1	No Increase in Pollution Load report	No Increase in Pollution Load report	Nu Vista_Pollution Load Report - R04.pdf Preview
2	OCEMS Calibration Certificate	OCEMS Calibration Certificate	OCEMS Calibration certificate.pdf Preview
3	CAQMS Calibration certificate	CAQMS Calibration certificate	CAQMS Calibration certificate.pdf Preview
4	Power Permission Agreement	Power Permission Agreement	7. Power permission Agreement.pdf Preview
5	Half Yearly Compliance report	Half Yearly Compliance report	an. 1 CP Half yearly compliance report Apr-Sep2023-merged (2) (1).pdf Preview
6	No Increase in pollution load certificate	No Increase in pollution load certificate	NABET Certificate.pdf Preview
7	KML File	KML File	Nu Vista Cement Plant.kml Preview
8	Topographic Map	Topographic Map	Topo map.pdf Preview
9	Plant Layout	Plant Layout	Latest Plant Layout Engineering drawing.pdf Preview
10	Hazardous Waste authorization	Hazardous Waste authorization	HWA certificate.pdf Preview
11	CGWA NOC	CGWA NOC	CGWA NOC.pdf Preview

S. No.	Document Name	Remark	Document
12	Valid Consent to Operate	Valid Consent to Operate	CTO Renewal upto 31.012024.pdf Preview
13	Consent to Establish	Consent to Establish	CTE.pdf Preview
14	EC Letter	EC Letter	ECs.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 hearby give undertaking that no activity/construction/expansion has been taken up

1.1. Name	Raju Ramchandran
1.2. Designation	Joint President Works
1.3. Company	M/S NU VISTA LIMITED
1.4. Address	Village- Risda Suhela Road Balodabazar Chhattisgarh
1.5. Date	01-11-2023