



सत्यमेव जयते

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



Date: 25/09/2024

ACKNOWLEDGEMENT

This is to acknowledge that Jindal stainless limited has provided the information on PARIVESH Portal in respect of Jindal Stainless Limited 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.	Proposal No.	JSL/SVP/MECH/07-08
1.2.	Name of Project	Jindal Stainless Limited
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(a) Metallurgical Industries (ferrous and non ferrous) Primary Metallurgical Industry - All Projects
1.3.3.2.	Capacity	34675 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
APPCB/VSP/VZN/112/CFO/HO/1987	10/11/2022	30/09/2027	cfo order.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
APPCB/VSP/VZN/112/CFO/HO/1987	10/11/2022	30/09/2027	cfo order.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
HC Ferro Chrome (or)	95	TPD	HC Ferro Chrome (or)	95	TPD	No change
Ferro Manganese (or)	95	TPD	Ferro Manganese (or)	95	TPD	No change
Any Combination of above Ferro Alloys	95	TPD	Any Combination of above Ferro Alloys	95	TPD	No change
Ferro Silicon (or)	95	TPD	Ferro Silicon (or)	95	TPD	No change
Silico Manganese (or)	95	TPD	Silico Manganese (or)	95	TPD	No change
Mix Ferrous Metal (or)	0	TPD	Mix Ferrous Metal (or)	95	TPD	New product without increasing existing 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
Quartzite (Ferro Chrome)	23.75	TPD	Quartzite (Ferro Chrome)	23.75	TPD	No change
Quartzite (Ferro Silicon)	70.68	TPD	Quartzite (Ferro Silicon)	70.68	TPD	No change
Coke (Mix Ferrous Metal)	0	TPD	Coke (Mix Ferrous Metal)	34	TPD	New raw material
Mill scale (Mix Ferrous Metal)	0	TPD	Mill scale (Mix Ferrous Metal)	15	TPD	New raw material
Coal (Ferro Manganese)	18.14	TPD	Coal (Ferro Manganese)	18.14	TPD	No change
Magnesite (Ferro Chrome)	9.49	TPD	Magnesite (Ferro Chrome)	9.49	TPD	No change
Coke (Silico Manganese)	38.91	TPD	Coke (Silico Manganese)	38.91	TPD	No change
Coal (Silico Manganese)	12.97	TPD	Coal (Silico Manganese)	12.97	TPD	No change
Coke (Ferro Manganese)	54.44	TPD	Coke (Ferro Manganese)	54.44	TPD	No change
Mn Ore (Ferro Manganese)	223.25	TPD	Mn Ore (Ferro Manganese)	223.25	TPD	No change
Mix Ferro alloys & Briquettes (Mix Ferrous Metal)	0	TPD	Mix Ferro alloys & Briquettes (Mix Ferrous Metal)	233.50	TPD	New raw material
Quartzite (Mix Ferrous Metal)	0	TPD	Quartzite (Mix Ferrous Metal)	14.0	TPD	New raw material
Coal (Ferro Chrome)	14.72	TPD	Coal (Ferro Chrome)	14.72	TPD	No change
Dolomite (Silico Manganese)	6.42	TPD	Dolomite (Silico Manganese)	6.42	TPD	No change
Coke (Ferro Chrome)	44.18	TPD	Coke (Ferro Chrome)	44.18	TPD	No change
Quartzite (Silico Manganese)	37.02	TPD	Quartzite (Silico Manganese)	37.02	TPD	No change

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
			Manganese)			
FeMn Slag (Silico Manganese)	31.15	TPD	FeMn Slag (Silico Manganese)	31.15	TPD	No change
Dolomite (Ferro Manganese)	14.06	TPD	Dolomite (Ferro Manganese)	14.06	TPD	No change
Mn Ore (Silico Manganese)	169.86	TPD	Mn Ore (Silico Manganese)	169.86	TPD	No change
Chrome Ore Fines/ Lumps/ Friable/ Briquettes (Ferro chrome)	237.50	TPD	Chrome Ore Fines/ Lumps/ Friable/ Briquettes (Ferro chrome)	237.50	TPD	No change
Charcoal (Ferro Silicon)	68.58	TPD	Charcoal (Ferro Silicon)	68.58	TPD	No change
Coal (Mix Ferrous Metal)	0	TPD	Coal (Mix Ferrous Metal)	11	TPD	New raw material
2.1. Approval for additional water consumption if applicable			No			

3.Details of Effluent Generation

3.1.Quantity

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
Cooling	10.0	10.0	After neutralization shall be recycled back
Domestic	5.0	5.0	After treatment in STP dispose to onland for gardening

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
0	0	0	0	--

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
10	0	10	0	Cooling blowdown and softener regeneration - After neutralization, recycled back -10 KLD Domestic - After treatment in STP dispose to onland for irrigation -5 KLD

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	cfo order.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?	No
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
5.5 MVA Arc Furnace	38	0	Others	0	Others	0	Others	0	Others
20 TPH Briquetting plant drier	18	0	Others	0	Others	0	Others	0	Others
12.5 MVA Arc	38	0	Others	0	Others	0	Others	0	Others

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
Furnace									

(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	Others	0	Others	0	Others	0	Others

(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	Others	0	Others	0	Others

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
12.5 MVA Arc Furnace (Existing)	38	Bag filter	--	0	Others	0	Others
20 TPH Briquetting plant drier (Existing)	18	Bag filter	--	0	Others	0	Others
5.5 MVA Arc Furnace (Existing)	38	Bag filter	--	0	Others	0	Others

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	Others	0	Others	0	Others	0	Others	Not proposed any additional equipments.

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
Waste oil in LPD	5.1 of Schedule-I	5	Others	5	Others	--	--	Shall be routed through M/s. APEMC to APPCB authorized re-processors / recyclers (as recyclable waste)
Furnace (Bag filter dust)	35.1 of Schedule-I	1	Tons per Day (TPD)	1	Tons per Day (TPD)	--	--	Reused with in the premises for briquettes to be used back into the process
Used batteries	--	6	Others	6	Others	--	--	Shall dispose to dealers on buy back

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
in Nos per month								system.
Slag	--	70	Tons per Day (TPD)	114	Tons per Day (TPD)	With existing quantity 250 TPD	in EC i.e. --	On land storage in the premises with concrete base and the slag is used in the MRP Plant to recover Fe-Cr product

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
2.2. Upload the Certificate of 'No Increase in Pollution' Load.	nipl certificate.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	0	20/10/2019	0	0	0	Yes	20/10/2019	20/10/2019

1.Additional Information

S. No.	Document Name	Remark	Document
1	NIPL Report	NIPL Report	nipl report.pdf Preview
2	Name change amendment order	Name change amendment order	amendment ordr.pdf Preview
3	NIPL Certificate	NIPL Certificate	nipl certificate.pdf Preview
4	Site layout	Site layout	plant lay out.pdf Preview
5	CFE Order	CFE Order	cfe order.pdf Preview
6	EC Order	EC Order	ec copy.pdf Preview
7	Latest CFO Order	Latest CFO Order	cfo order.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	Dinesh Sharma
1.2. Designation	Unit Head
1.3. Company	jindal stainless limited
1.4. Address	Jindal Nagar Village, Kothavalasa Mandal, Vizianagaram District, Andhra Pradesh - 535183
1.5. Date	20-08-2024