सत्यमेव जयते

Government of India
Ministry of Environment, Forest and Climate Change

Date: **31/08/2023**

ACKNOWLEDGEMENT

This is to acknowledge that MS BERRY ALLOYS LIMITED has provided the information on PARIVESH Portal in respect of Change in Product mix for Inclusion of 180000 TPA Ferro Chrome or 180000 TPA LC/MC Fe-Mn production in addition to the present production of 180000 TPA Silico Manganese or 216000 TPA Ferro Manganese or 25200 TPA Ferro Silica from the existing 9x9 MVA Submerged Arc Furnace along with addition of 1x30 T AOD furnace for refining of ferro alloys by Berry Alloys Limited located at Plot No-368, APIIC Growth Centre, Bobbili (V) & (M), Vizianagaram, Andhra Pradesh 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/AP/IND/75307/2017

1.2. Name of Project	Change in Product mix for Inclusion of 180000 TPA Ferro Chrome or 180000 TPA LC/MC Fe-Mn production in addition to the present production of 180000 TPA Silico Manganese or 216000 TPA Ferro Manganese or 25200 TPA Ferro Silica from the existing 9x9 MVA Submerged Arc Furnace along with addition of 1x30 T AOD furnace for refining of ferro alloys by Berry Alloys Limited located at Plot No-368, APIIC Growth Centre, Bobbili (V) & (M), Vizianagaram, Andhra Pradesh
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)	Ferro Alloy Plants
1.3.3.2. Capacity	0.216	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?	Yes

2.1. Type of Industrial Area	industrial_area
2.2. Name of the Notified Industrial Area	APIIC GROWTH CENTRE, BOBBILI VILLAGE, VIZIANAGARAM
2.3. Whether the Industrial Area notified?	Before 14th September, 2006

2.3.1. Notification copy of Industrial area in PDF	Industrial area.pdf Preview
2.4. Whether Prior Environmental Clearance available for 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/VZM/160/HO/CTO/2019	02/03/2023	31/08/2025	CFO 9x9 02.03.2022.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/VZM/160/HO/CTO/2019	02/03/2023	31/08/2025	CFO 9x9 02.03.2022.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
Ferro Silicon	25200	TPA	None	0	TPA	The products will be manufactured in Either or combination of any. However, the maximum production will not exceed the capacity of 216000 TPA as granted in EC. The proposal is for inclusion of new products in the existing product mix
Ferro Manganese	216000	TPA	LC/MC Ferro Manganese	180000	TPA	The products will be manufactured in Either or combination of any. However, the maximum production will not exceed the capacity of 216000 TPA as granted in EC. The proposal is for inclusion of new products in the existing product mix
Silico Manganese	180000	TPA	Ferro Chrome	180000	TPA	The products will be manufactured in Either or combination of any. However, the maximum production will not exceed the capacity of 216000 TPA as granted in EC. The proposal is for inclusion of new products in the existing product mix

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
Coke	72000	TPA	Coke	97200	TPA	The Raw materials will vary based on the product manufactured from the existing and proposed product 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
Dolomite	43200	TPA	Calcined Limestone/Dolomite	22000	TPA	The Raw materials will vary based on the product manufactured from the existing and proposed product mix
Quartz	44100	TPA	Quartz	30600	TPA	The Raw materials will vary based on the product manufactured from the existing and proposed product mix
Mill Scale	10710	TPA	Ferrous Silicon	9000	TPA	The Raw materials will vary based on the product manufactured from the existing and proposed product mix
Coal	72000	TPA	Magnesite	9000	TPA	The Raw materials will vary based on the product manufactured from the existing and proposed product mix
Manganese Ore	518400	TPA	Chrome Ore Briquettes/Friable	401400	TPA	The Raw materials will vary based on the product manufactured from the existing and proposed product mix

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
Industrial	120	0	The Process water is basically used for cooling and is fully evaportaed
Other	5	0	This water is used for dust suppression and no effluent is generated
Domestic	15	12	The Effluent generated from domestic activities are sent to STP of 15 KLD and the treated water of 12 KLD is used in Greenbelt

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	100	TSS	16	

3.3. Total load in respect of Effluent

Total load in respect of Effluent as per the EC/CTO	Treatmen t 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
12	16	12	15	Total load of effluent of 12 KLD will not change after proposed inclusion of Fe-Cr and LC/MC Fe-Mn. The Existing STP of 15 KLD is sufficient

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	BAL_Pollution Load Report - R02.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	BAL_Pollution Load Report - R02.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
SAF Stacks	30	1.42	g/s	6.12	g/s	1.11	g/s	4.96	g/s

(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
SAF Area	2	1.42	g/s	6.12	g/s	1.11	g/s	4.96	g/s

(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
SAF and Jigging Plant area	1	0.2		0.2	g/s	0.2	g/s	0.2	g/s

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
Submerged Arc Furnaces	30	Bag Filters	NOx	46.1	Others	46.1	Others
Submerged Arc Furnaces	30	Bag Filters	PM	28.2	Others	28.2	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
6.12	g/s	10	g/s	4.96	g/s	10	g/s	Existing bag filters are sufficient to handle the existing pollution load and from inclusion of Fe-Cr and LC/MC Fe-Mn no additional pollution load will be added.

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	5.1 of Schedule -I	0.002	Kilo liters per Day	0.002	Kilo liters per Day	Plant Operations	HDPE Drums	Shall be sent to authorized reprocessing unit

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
			(KLD)		(KLD)			through M/s. APEMC

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.	NIIPL Certificate (1).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	Submerged Arc Furnace Stack-2	16/05/2022	Calibration is up to date	0	0	Yes	No	26/05/2022
Emissions	Submerged Arc Furnace Stack-3	16/05/2022	Calibration is up to date	0	0	Yes	No	26/05/2022
Emissions	Submerged Arc Furnace Stack	16/05/2022	Calibration is up to date	0	0	Yes	No	26/05/2022

1.Additional Information

S. No.	Document Name	Remark	Document
1	Water Permission	Water Permission	Water Permission.pdf Preview
2	Valid CTO	Valid CTO	CFO 9x9 02.03.2022.pdf Preview
3	Environmental Clearance	Environmental Clearance	EC New 9x9 (3).pdf Preview
4	No Increase in Pollution Load Report	No Increase in Pollution Load Report	BAL_Pollution Load Report - R02.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	VIJAY GUPTHA
1.2. Designation	DIRECTOR
1.3. Company	MS BERRY ALLOYS LIMITED
1.4. Address	PLOT NO-368, APIIC GROWTH CENTRE, BOBBILI (V) & (M)
1.5. Date	31-08-2023