



ANDHRA PRADESH POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate,
Sanathnagar, Hyderabad-500 018
Phone : 040-23887500, Website : www.appcb.ap.nic.in

BY REGD. POST WITH ACK. DUE

RED CATEGORY

CONSENT & AUTHORIZATION ORDER

Consent Order No : APPCB/KNL /KNL/HO/CFO/2016-

Date: 26.04.2016

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules, 2008 & Amendments thereof and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s .Sri Ramakrishna Ferro Alloys (India) Private Limited,
Plot No.5 & 6, IDA, Gollapuram(V),
Hindupur(M), Anantapur District.- 515211.
E Mail: sriramakrishna.skr@gmail.com**

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

i) Out lets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Cooling Tower Blow down	5.0 KLD	Shall be recycled
2.	Domestic	1.0 KLD	Septic tank followed by soak pit

ii) Emissions from chimneys:

Chimney No.	Description of Chimney
1.	Attached to Submerged Arc Furnace of capacity 6 MVA
2.	Attached to DG set of capacity 125 KVA

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 5 (4)]:

M/s .Sri Ramakrishna Ferro Alloys (India) Private Limited, Plot No.5 & 6, IDA, Gollapuram(V), Hindupur(M), Anantapur District, is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

Hazardous wastes with recycling option:

Sl. No.	Name of the Hazardous waste	Stream	Qty	Mode of disposal
1.	Waste oil / Waste Lubricant oils	5.1 of Schedule-I	1.6 KL/Annum	Authorised recyclers / reprocessors

This consent order is valid to manufacturing the following products along with quantities only.

Sl.No	Products	Quantity
1.	Ferro Manganese	16,100 TPA (40 TPD)
(or)		
2.	Silicon Manganese	12,600 TPA (30 TPD)
(or)		
3.	Ferro Silicon	4,900 TPA (15 TPD)

This order is subject to the provisions of 'the Acts' and the Rules' and orders made there under and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorization shall be valid for a period ending with the **30th day of September 2020**.

Sd/-
MEMBER SECRETARY

To
M/s .Sri Ramakrishna Ferro Alloys (India) Private Limited,
Plot No.5 & 6, IDA, Gollapuram(V),
Hindupur(M), Anantapur District.- 515211.

Copy to:

1. The JCEE, Zonal Office, Kurnool for information and necessary action.
2. The JCEE (Cess), APPCB, Hyderabad for information.
3. The JCEE(HWM), APPCB, Hyderabad for information.
4. The Environmental Engineer, Regional Office, Kurnool for information and necessary action.

//T.C.F.B.O//

Wlas 9/5/16

JOINT CHIEF ENVIRONMENTAL ENGINEER
(Unit Head -IV)

SCHEDULE - A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.
3. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
4. The industry should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
5. Not withstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
6. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
7. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
8. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.

9. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE - B

WATER POLLUTION:

1. The source of water is Bore well. The following is the permitted water consumption:

S.No.	Purpose	Quantity
1	Cooling tower makeup	19.5 KLD
2	Gardening / Irrigation	3.0 KLD
3	Domestic	2.5 KLD
	Total	25.0 KLD

Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above for Cess assessment purpose.

AIR POLLUTION:

2. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney No.	Parameter	Emission Standards
1	Particulate Matter	50 mg/Nm ³

3. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10µm) - 100 µg/ m³; PM2.5 (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A)

4. The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.
5. The industry shall install continuous online stack emission monitoring system to the stack attached to Submerged Arc Furnace of capacity 6 MVA within six months and the same shall be connected to the APPCB website as committed by the industry vide Lr dt. 16.04.2016.

GENERAL:

6. The industry shall not manufacture any product, other than those mentioned in this order, without CFE & CFO of the Board. The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
7. The industry shall provide closed shed for storage of raw materials i.e., quartz, charcoal, scrap, mill scale powder within three months as committed by the industry vide Lr dt. 16.04.2016. There shall not be any open storage of raw materials in the premises.
8. The industry shall provide inter locking system within one month between APC equipment and fuel (electricity) feeding system within three months, so that the electricity supply to furnaces would stop automatically in case the APC fails.
9. The industry shall provide concrete / asphalt roads to control fugitive emissions within one year as committed by the industry vide letter dt.16.04.2016.
10. The industry shall not bypass the emissions from stacks under any circumstances. The industry shall provided activation recorder with the recording facility to the by-pass stack in sealed condition within 3 months and shall maintain records.
11. The raw material feeding conveyor belts shall be covered with M.S sheet within 3 months.
12. The industry shall cover the vibrating screens which are installed for screening the raw material within three months as committed by the industry vide Lr dt. 16.04.2016 to control fugitive emissions.

13. The industry shall obtain Revocation of closure order before operation of the industry.
14. The industry shall submit compliance report on the conditions mentioned in the consent order every 6 months to the Regional Office/Zonal Office.
15. The industry shall dispose solid waste (NON HAZARDOUS) as follows:

S. No.	Name of the waste	Quantity of waste	Disposal Option
1.	Alloy melting slag:		Sold to cast iron foundries.
	a) Ferro Silicon Slag	0.25 TPD	
	b) Silico Manganese slag	28.62 TPD	
	c) Ferro Manganese slag	32.44 TPD	
2.	Cleaning process Rejects	1.6 TPD	Recycled into production process.

16. The industry shall complete development of green belt in an area of 33% of total area with adequate width and density along the boundary of the industry by the ensuing monsoon.

SCHEDULE - C

[See rule 5(4)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. All the rules and regulations notified by Ministry of Environment and Forests, Government of India under the E(P) Act, 1986 in respect of management, handling, transportation and storage of the Hazardous wastes should be followed.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
4. The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.
5. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.

Sd/-
MEMBER SECRETARY

To
M/s.Sri Ramakrishna Ferro Alloys (India) Private Limited,
Plot No.5 & 6, IDA, Gollapuram(V),
Hindupur(M), Anantapur District.- 515211.

//T.C.F.B.O//

Kulasekhar 4/5/16.

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JOINT CHIEF ENVIRONMENTAL ENGINEER
(Unit Head -IV)