



**ANDHRA PRADESH POLLUTION CONTROL BOARD**  
**D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,**  
**Chalamalavari Street, Kasturibaipet, Vijayawada – 520 010**  
**Phone. No.0866-2463200, Website : https://pcb.ap.gov.in/**

**RED CATEGORY**

**Renewal of Consent and Hazardous Waste Authorization Order**

**Consent Order No : APPCB/KNL /TPT/11656/HO/CFO/2021**

12/08/2021

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous & Other Wastes (Management and Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

**M/s. Pushpit Steels Private Limited,**  
**Indl Estate Expn., Merlapaka (V), Yerpedu (M),**  
**Chittoor District.**  
**e- mail: venugopal.pulkit@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 in KLD	Point of Disposal
1.	Boiler blow down and BM plant regeneration	62.0 KLD	After treatment, shall be recycled into the process and wash.
2.	Domestic wastewater	20.8 KLD	The industry shall treat the wastewater in STP, after treatment in the STP, the treated wastewater shall be used onland for irrigation within the premises, duly meeting the Board's discharge standards (BOD- 30 mg/l).

**ii) Emissions from chimneys:**

Chimney No.	Description of Chimney
1.	Attached to Rotary Kilns of capacity 100 TPD each- 2 Nos.
2.	Attached to Rotary Kiln of capacity 100 TPD
3.	Attached to Rotary Kiln of capacity 100 TPD
4.	Attached to Intermediate bins -2 Nos, Product houses – 2 Nos Coal circuit, Iron ore circuit
5.	Cooler discharge – 1 & 2
6.	Cooler Discharge - 3

7.	Cooler Discharge - 4
8.	Attached to 27.5 TPH FBC Boiler
9.	Attached to 10 TPH Boilers – 4 Nos
10.	Attached to Induction furnace of capacity 12 MT each – 2 Nos.
11.	Attached to Induction furnace of capacity 15 MT each – 1 Nos.
12.	Attached to DG set 1 x 750 KVA

**iii) HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]:**

M/s. Pushpit Steels Private Limited, Indl Estate Expn, Merlapaka (V), Yerpedu (M), Chittoor 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:**

S.No	Name of the Hazardous waste	Stream	Quantity of Hazardous waste	Disposal Option
1.	Used oil	5.1 of Schedule - I	3 MTPA	Shall be routed through M/s. APEMC so as to send to APPCB authorized re-processors / recyclers (as recyclable waste)

The industry shall dispose solid waste (NON HAZARDOUS ) as follows:

S. No.	Name of the Solid Waste	Quantity	Disposal
1.	Slag / ESP dust	27.8 MT/Day	Shall be used for filling the low laying area / sold to brick industries.

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

S.No	Products	Quantity
1	Sponge Iron	400 TPD
2	MS Billets	380 TPD
3	Electricity	12 MW
	<b>By-Products</b>	
1	Coal Char	133 TPD
2	Dolo Char	67 TPD
3	Gypsum	12 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 **31<sup>st</sup> day of March, 2026.**

DR.

B.MADHUSUDHANA RAO, JCEE(MSRB), O/o JOINT CHIEF ENVIRONMENTAL ENGINEER4-APPCB

To

**M/s. Pushpit Steels Private Limited  
Indl Estate (Expansion), Merlapaka (V), Yerpedu (M),  
Chittoor District – 517 619.**

Copy to:

1. The JCEE, Zonal Office, Kurnool for information and necessary action.
2. The Environmental Engineer, Regional Office, Tirupati for information and necessary action.

**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 ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the 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. 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.

10. 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.
11. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
12. The industry may explore the possibility of tapping the solar energy for their energy requirements.
13. The industry should educate the workers and nearby public of possible accidents and remedial measures.

#### **SCHEDULE – B**

1. The Board vide order dated 10.02.2016 issued CFO to the industry to manufacture Sponge Iron – 400 TPD and MS Billets – 200 TPD which was valid upto 31.03.2021. Subsequently, the industry obtained CFO (Expansion) on 31.10.2018 to manufacture of MS billets – 180 TPD which was valid up to 31.03.2021. Now, the industry applied for CFO (Renewal) for combined CFO products & capacities mentioned in the CFO orders Dt.10.02.2016 & Dt.31.10.2018 for a period up to 31.03.2026, for a project cost of Rs. 135.85 Cr, with a total area of 82.4 acres. The issue of CFO & HWA (Renewal) of the industry was placed in the CFO Committee meetings latest held on 07.07.2021 and the committee observed the 13 non-compliances. The committee recommended “to issue Combined CFO &HWA to the industry for a period upto 31.03.2026, after submission of an undertaking on Rs. 100 Stamp paper indicating the 13 non-compliances mentioned in the Agenda and the time required for complying with the non-compliances. After receiving undertaking, the Board will consider to issue CFO to the industry, with Bank Guarantee, if required, as per the Circular dt.30.07.2020”. The issue of CFO & HWA (Renewal) of the industry was placed in the CFO Committee meeting held on 04.08.2021 and the committee recommended to **issue** CFO&HWA (Renewal) to the industry for a period up-to 31.03.2026 subject to submission of an undertaking at RO, Tirupati, stating that they will comply with the 3 non-compliance (5, 7, 8) mentioned in the Agenda by 30.08.2021 and the 1 non-compliance (11) mentioned in the Agenda by 31.01.2022.
2. The industry shall comply with the following non-compliances as submitted vide undertaking affidavit dt.11.08.2021:
  - i. Industry has installed 2 x 500 KVA and 1X 400 KVA DG sets without obtaining permission of the Board. The industry shall obtain the required permission by 30.08.2021.
  - ii. Partially complied with the condition that “the industry shall stock raw materials only in closed sheds within three months and avoid open storage to minimize fugitive emissions” and the industry has provided three sheds for storage of raw materials. However, some quantities of the raw materials are stored in open area such Iron Ore, Coal and dolomite which are causing fugitive emissions in the surrounding area. Also, the iron scrap is stored openly within the premises. The industry shall provide closed sheds of required capacity and avoid open storage to minimize fugitive emissions by 30.08.2021.
  - iii. Not complied with the condition that “the industry shall provide activation

recorder for emergency cap opening for the sponge iron plant within one month and maintain records on emergency cap opening and the same shall be furnished to the Board regularly” and the industry has not provided activation recorder. The industry shall provide activation recorder for emergency cap opening for the sponge iron plant by 30.08.2021 and maintain records on emergency cap opening and the same shall be furnished to the Board regularly.

- iv. Partially complied with the condition that the industry shall provide 1 No. of CAAQM stations within three months and additional 2 no. of CAAQM stations within 6 months and connect the same to APPCB website” and the industry provided only one number CAAQM station in the premises. The industry shall provide additional 2 no. of CAAQM stations by 31.01.2022.

#### WATER POLLUTION:

1. The industry shall comply the following effluent standards based on the disposal points permitted:

Outlet	Parameter	Concentration
2.	PH	5.50 – 9.00
	Suspended Solids (at 103 – 105 <sup>0</sup> C)	200 mg/l
	Bio Chemical Oxygen Demand (BOD)	30 mg/l
	Oil and Grease	10 mg/l

2. The source of water is borewell. The following is the permitted water consumption:

S.No	Purpose	Quantity
1	Process, Washings, Boiler Feed, Industrial Cooling (Makeup) / Humidification / Water spraying) & Gardening / Irrigation	385.0 KLD
2	Domestic	36.0 KLD
	<b>Total</b>	<b>421.0 KLD</b>

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

#### AIR POLLUTION:

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

Chimney No.	Parameter	Emission Standards in (mg/Nm <sup>3</sup> )
1to 11	Particulate Matter	100

2. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10mm) - 100 mg/ m<sup>3</sup>; PM2.5 (Particulate Matter size less than 2.5 mm) - 60 mg/ m<sup>3</sup>; SO<sub>2</sub> - 80 mg/ m<sup>3</sup>; NO<sub>x</sub> - 80 mg/m<sup>3</sup>, 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)

3. 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.

**GENERAL:**

4. 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.
5. The industry shall ensure regular maintenance and operation of the on-line stack monitoring systems with tamper proof mechanism having facilities for online calibration.
6. The industry shall maintain flow meters preferably Electro Magnetic flow meters with totalisers for water and effluent quantity measurements for different streams of effluents and different categories of water usage stipulated in this order.
7. The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
  - a. Daily production details (ER-1 Central Excise Returns).
  - b. Quantity of Effluents generated, treated, recycled/reused and disposed.
  - c. Log Books for pollution control systems.
  - d. Characteristics of effluents and emissions.
  - e. Hazardous/non hazardous solid waste generated and disposed.
  - f. Inspection book.
  - g. Manifest copies of effluents / hazardous waste.

**SCHEDULE – C**

***[See rule 6(2)]***

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

1. The authorized person shall comply with the provision of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any authorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorized comply with the provisions outline in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”.
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorization shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

**Specific Conditions:**

- 10.The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
- 11.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.
- 12.The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB.
- 13.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 20(2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

**The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishments (CFE) and Consent for Operation (CFO) through website i.e., <https://pcb.ap.gov.in> by 1<sup>st</sup> of January and 1<sup>st</sup> July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.**

DR. B.MADHUSUDHANA RAO,  
JCEE(MSRB), O/o JOINT CHIEF  
ENVIRONMENTAL ENGINEER4-APPCB

**To  
M/s. Pushpit Steels Private Limited,  
Indl Estate (Expansion), Merlapaka (V),  
Yerpedu (M), Chittoor District.**