CONSENT & AUTHORIZATION ORDER

Consent Order No: N-512/APPCB/ZO-VJA/CFO/W&A/2018-
Dt: 14.08.2019

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 Authorization under Rule 6 of the Hazardous and 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. Ardee Industries Private Limited,
Plot No. 8A & 8B, Industrial Park,
Menakuru (V), Naidupet (M),
SPSR Nellore District.
Email : aipl@ardeeindustries.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) Outlets for discharge of effluents:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge (KLD)</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Process, Cooling and Scrubber waste water</td>
<td>6.0</td>
<td>After treatment in the ETP, the treated waste water shall be recycled back into process.</td>
</tr>
<tr>
<td>2</td>
<td>Domestic</td>
<td>3.0</td>
<td>Septic tank followed by soak pit.</td>
</tr>
</tbody>
</table>

(ii) Emissions from chimneys:

<table>
<thead>
<tr>
<th>Chimney No.</th>
<th>Description of Chimney</th>
<th>Quantity of Emissions at peak flow (m³/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stack attached to 5 TPH Automated Battery Breaker</td>
<td>----</td>
</tr>
<tr>
<td>2</td>
<td>Stack attached to Rotary Furnaces with oxy fuel system – 2 nos x 10 MT</td>
<td>----</td>
</tr>
<tr>
<td>3</td>
<td>Stack attached to Refining pots - 4 nos x 30 MT and Casting machine</td>
<td>----</td>
</tr>
<tr>
<td>4</td>
<td>Stack attached to 380 KVA DG Set</td>
<td>----</td>
</tr>
<tr>
<td>5</td>
<td>Stack attached to 125 KVA DG Set</td>
<td>----</td>
</tr>
</tbody>
</table>

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

M/s. Ardee Industries Private Limited, Plot No. 8A & 8B, Industrial Park, Menakuru (V), Naidupet (M), SPSR Nellore District is hereby granted an authorization for generation, storage, transport and disposal of Hazardous Wastes namely:
HAZARDOUS WASTES WITH RECYCLING OPTION:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Hazardous Waste</th>
<th>Stream</th>
<th>Quantity</th>
<th>Method of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Used oil</td>
<td>5.1 of Schedule-I</td>
<td>100 LPA</td>
<td>Shall be disposed to APPCB authorized reprocessing agencies.</td>
</tr>
<tr>
<td>2</td>
<td>Lead Slag</td>
<td>9.2 of Schedule-I</td>
<td>39 tons / day</td>
<td>Shall be disposed to TSDF, Raipur, SPSR Nellore District.</td>
</tr>
<tr>
<td>3</td>
<td>Dross</td>
<td>9.2 of Schedule-I</td>
<td>32 tons / day</td>
<td>Shall be disposed to reuse in the smelting process.</td>
</tr>
</tbody>
</table>

HAZARDOUS WASTES WITH DISPOSAL OPTION:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Hazardous Waste</th>
<th>Stream</th>
<th>Quantity</th>
<th>Method of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Acid from used Batteries (spent)</td>
<td>9.3 of Schedule-I</td>
<td>-</td>
<td>After neutralization, shall dispose through Forced Evaporation System and the salts generated from the Forced Evaporation System shall be disposed to TSDF, Raipur, SPSR Nellore District.</td>
</tr>
</tbody>
</table>

This consent order is valid for the following products along with quantities indicated only:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Name of the Products</th>
<th>Capacity (Expansion)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>Lead &amp; Lead Alloys</td>
<td>150 tons / day</td>
</tr>
</tbody>
</table>

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 **31.07.2024**.

N V Bhaskara Rao  
[Signature]

JOINT CHIEF ENVIRONMENTAL ENGINEER

To

M/s. Ardee Industries Private Limited,  
Plot No. 8A & 8B, Industrial Park,  
Menakuru (V), Naidupet (M),  
SPSR Nellore District.  
Email : aipl@ardeeindustries.com

Copy to the Environmental Engineer, Regional Office, Nellore for information and necessary action.
SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the unit, 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 carry out 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. The industry should display online data outside the main factory gate, on quantity and nature of hazardous chemicals being used in the plant, water & air emissions and hazardous & solid wastes generated within the factory premises, as per the orders of the Hon’ble Supreme Court in Writ Petition WP (C) No. 657/1995,Dt.14.10.2003. If such data is not made available, the unit should be asked to show cause or even be asked to close down.

6. Notwithstanding 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.

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 unit 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 21/22 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 industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below :

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity (KLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Process</td>
<td>5.0</td>
</tr>
<tr>
<td>Cooling</td>
<td>3.0</td>
</tr>
<tr>
<td>Greenbelt</td>
<td>6.0</td>
</tr>
<tr>
<td>Domestic</td>
<td>4.0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>18.0</strong></td>
</tr>
</tbody>
</table>
Separate meters with necessary pipe-line shall be maintained for assessing the quantity of water used for each of the purposes mentioned above.

**AIR POLLUTION :**

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

<table>
<thead>
<tr>
<th>Chimney No.</th>
<th>Parameter</th>
<th>Emission Standards (mg/Nm³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 3</td>
<td>Suspended Particulate Matter Lead</td>
<td>115</td>
</tr>
<tr>
<td>4 &amp; 5</td>
<td>Suspended Particulate Matter</td>
<td>115</td>
</tr>
</tbody>
</table>

3) The industry shall comply with ambient air quality standards of SO₂ – 80 µg/m³; NOₓ – 80 µg/m³; PM₂.₅ – 60 µg/m³; PM₁₀ – 100 µg/m³; Lead-0.1 µg/m³, measured at factory premises at the periphery of the unit.

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.

**SOLID WASTE :**

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

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Solid Waste</th>
<th>Quantity</th>
<th>Mode of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Plastic / Polypropylene / Separators</td>
<td>11 tons / day</td>
<td>Shall be disposed to authorized recyclers.</td>
</tr>
<tr>
<td>2.</td>
<td>ETP Sludge</td>
<td>1 ton / day</td>
<td>Shall be sent to TSDF, Raipur, SPSR Nellore district</td>
</tr>
</tbody>
</table>

**GENERAL CONDITIONS :**

6) The industry shall properly collect 6 KLD of process, cooling and scrubber waste water and treat the waste water in the Effluent treatment plant, the treated waste water shall be recycled back into process.

7) The industry shall properly collect spent acid and shall provide Forced Evaporation System for evaporation of waste water after neutralization so as to maintain ZLD system and the salts generated from the Forced Evaporation System shall be disposed to TSDF, Raipur, SPSR Nellore district. The industry shall dispose lead slag / lead bearing residue to TSDF, Raipur, SPSR Nellore district along with the forced evaporation salts.

8) The industry shall continuously operate air pollution control equipment (APCE) i.e. Cyclone dust collectors, bag house followed by wet scrubber attached to the Automated Battery breaker – 5 TPH; cyclone, bag house followed by wet scrubber attached to the Rotary furnace – 2 x10 MT; bag house attached to the Refining pots - 4 nosx30 MT and casting machine, totaling 120 MT, so as to meet the Board's emission standard of SPM-115 mg/Nm³ and Lead – 10 mg/Nm³.

9) The industry shall obtain the Registration pass book from the APPCB, Board Office and shall regularly enter the battery purchase details in the pass book and submit the copies of pass book to RO, Nellore once in 3 months.


12) The industry shall not discharge any treated / untreated effluents outside the industry premises under any circumstances.

13) The industry shall not dispose any solid waste outside the factory premises.

14) 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.
   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.

15) The industry shall not cause any water / air / odour nuisance pollution problems to the surrounding environment.

16) Thick green belt shall be maintained along the boundary of the industry and at all possible vacant areas.

17) The industry shall maintain good housekeeping in the industry premises.


19) The industry shall not manufacture any extra products without obtaining CFE / CFO of the Board.

20) Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.

21) The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of environment protection.

22) The industry shall submit a compliance report on CFO conditions for every 6 months as on 01st January and 01st July of every year at Regional Office and Zonal Office.

SCHEDULE – C
[See Rule 6 (2)]

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

1) The industry shall comply with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

2) 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 shall be followed.

3) The industry shall not store hazardous waste for more than 180 days as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.

4) The industry shall store Used/Waste Oil in a secured way in their premises till its disposal to the authorized recycle industries.
5) 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.

6) The industry shall maintain proper records for Hazardous Wastes stated in Authorization 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 and Transboundary Movement) Rules, 2016.

7) The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

8) The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.

9) Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.

10) 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.

11) The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”.

12) 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.

13) Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

N V Bhaskara Rao

JOINT CHIEF ENVIRONMENTAL ENGINEER