ANDHRA PRADESH POLLUTION CONTROL BOARD
ZONAL OFFICE :: VIJAYAWADA
Plot No.41, Opp: SBH, Sri Kanakadurga Officers' Colony, Gurunanak Road, Vijayawada.
Phone: 0866-2546218
Email: zovja-icce@appcb.gov.in
Website :www.appcb.ap.nic.in

RED HAZARDOUS CATEGORY
CONSENT & AUTHORIZATION ORDER

Consent Order No: N-534/APPCB/ZO-VJA/CFO/W&A/2018- Date: 22.08.2019

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. Wil Car Wheels Limited, APIIC Industrial Park, Phase – II, Block – 4, Sy.No. 200 (P), Mambattu (V), Tada (M), SPSR Nellore District
Email : rajasekar@wilcarwheelsltd.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 – 135 KLD (Hot Water Rinse – 7.5 KLD, Degrease &amp; Rinse – 33.0 KLD, Phosphate &amp; Rinse – 66.0 KLD, Electric Dip Paint &amp; Rinse – 20.0 KLD, Top Coat Spray Paint – 3.5 KLD, Cooling Tower Bleed Off - 5 KLD)</td>
<td>135.0</td>
<td>Waste water shall be treated in the biological ETP followed by Ultra Filtration, 3 Stage RO plant, MEE, ATFD. The RO permeate and MEE condensate shall be recycled in to process plant and cooling tower makeup. The RO rejects shall be sent to MEE and MEE concentrate shall be routed through ATFD. The ATFD salts shall be disposed to TSDF, Raipur, SPSR Nellore District and ATFD condensate shall be sent back to ETP for further treatment and shall maintain Zero Liquid Discharge (ZLD) system.</td>
</tr>
<tr>
<td>2</td>
<td>Domestic</td>
<td>25.0</td>
<td>After treatment in STP, the treated wastewater shall be utilized for on land for irrigation duly meeting the Board's standards.</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 10 Lakh K.Cal/hr. - Hot water Generator</td>
<td>----</td>
</tr>
<tr>
<td>2</td>
<td>Stack attached to 4 Lakh K.Cal/hr. - EDP Burner</td>
<td>----</td>
</tr>
<tr>
<td>3</td>
<td>Stack attached to 2.8 Lakh K.Cal/hr. - EDP Burner</td>
<td>----</td>
</tr>
<tr>
<td>4</td>
<td>Stack attached to 3 Lakh K.Cal/hr. - Top Coat Oven Burner</td>
<td>----</td>
</tr>
</tbody>
</table>
### Chimney No. | Description of Chimney | Quantity of Emissions at peak flow (m³/hr)
--- | --- | ---
5 | Stack attached to 2.3 Lakh K.Cal/hr. - Top Coat Oven Burner | ----
6 | Stack attached to Touch up Booth - 2 Nos | ----
7 | Stack attached to Top Coat Booth - 2 Nos. | ----
8 | Stack attached to Rim butt welder – 2 Nos. | ----
9 | Stack attached to Rim Flash cutter – 2 Nos | ----
10 | Stack attached to Assy. MIG Welder | ----
11 | Stack attached to 1 x 1500 KVA DG Set & 1 x 380 KVA DG Set | ----

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

M/s. Wil Car Wheels Limited, APIIC Industrial Park, Phase – II, Block – 4, Sy.No. 200 (P), Mambattu (V), Tada (M), SPSR Nellore District is hereby granted an authorization for generation, storage, transport and disposal of Hazardous Wastes namely:

- **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>Chemical sludge from waste water treatment</td>
<td>35.3 of Schedule-I</td>
<td>180 MT/Year</td>
<td>Shall be disposed to TSDF, Raipur, SPSR Nellore District.</td>
</tr>
<tr>
<td>2</td>
<td>Phosphate sludge</td>
<td>12.5 of Schedule-I</td>
<td>30 MT/Year</td>
<td>Shall be disposed to TSDF, Raipur, SPSR Nellore District.</td>
</tr>
<tr>
<td>3</td>
<td>Process waste residues &amp; sludges</td>
<td>26.1 of Schedule-I</td>
<td>45 MT/Year</td>
<td>Shall be disposed to co-processing units / TSDF.</td>
</tr>
<tr>
<td>4</td>
<td>Wastes, residues containing oil</td>
<td>5.1 of Schedule-I</td>
<td>10 MT/Year</td>
<td>Shall be disposed to co-processing units / TSDF.</td>
</tr>
<tr>
<td>5</td>
<td>Discarded containers / carbuoys / drums / bags</td>
<td>33.1 of Schedule-I</td>
<td>25 MT/Year</td>
<td>Shall be disposed to co-processing units.</td>
</tr>
<tr>
<td>6</td>
<td>Waste Oil</td>
<td>5.1 of Schedule-I</td>
<td>22 MT/Year</td>
<td>Shall be disposed to authorized agencies / recyclers.</td>
</tr>
<tr>
<td>7</td>
<td>Sealed maintenance free batteries</td>
<td>----</td>
<td>72 nos / year</td>
<td>Shall be disposed to authorized dealer through buy back arrangement.</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</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>Painted Steel Wheel</td>
<td>2,50,000 Nos / Month</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 **31.08.2024**.

N V Bhaskara Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER

To
M/s. Wil Car Wheels Limited,
APIIC Industrial Park,
Phase – II, Block – 4, Sy.No. 200 (P),
Mambattu (V), Tada (M),
SPSR Nellore District
Email : rajasekar@wilcarwheelsltd.com

Copy to the Environmental Engineer, Regional Office, Nellore for information and necessary action.
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 not commence its operations until completion of full-fledged ZLD system and its operations with commissioning of the unit and shall submit compliance report to RO, Nellore under a copy to ZO, Vijayawada.

2) 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>130.0</td>
</tr>
<tr>
<td>Cooling Makeup</td>
<td>15.0</td>
</tr>
<tr>
<td>Domestic</td>
<td>30.0</td>
</tr>
<tr>
<td><strong>Total (Recycling of RO permeate is 103 KLD and 72 KLD fresh water)</strong></td>
<td><strong>175.0</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:

3) 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/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 11</td>
<td>Suspended Particulate Matter</td>
<td>115</td>
</tr>
</tbody>
</table>

4) The industry shall comply with ambient air quality standards of SO$_2$ – 80 µg/m$^3$; NO$_x$ – 80 µg/m$^3$; PM$_{2.5}$ – 60 µg/m$^3$; PM$_{10}$ – 100 µg/m$^3$, Lead-0.1 µg/m$^3$, 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).


SOLID WASTE:

6) 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>Steel Scrap</td>
<td>350 Tons/Month</td>
<td>Shall be disposed for auction.</td>
</tr>
<tr>
<td>2.</td>
<td>STP Sludge</td>
<td>53 kgs/day</td>
<td>Shall be used as manure.</td>
</tr>
</tbody>
</table>

GENERAL CONDITIONS:

7) The industry shall properly collect 135 KLD of hot water rinse, degrease & rinse, phosphate & rinse, electric dip paint & rinse, top coat spray paint, cooling tower bleed off waste water and treat the waste water in the biological ETP followed by Ultra Filtration, 3 Stage RO plant, MEE & ATFD. The RO permeate is 103 KLD, out of which 88 KLD shall be recycled in to the process plant and 15 KLD shall be recycled for cooling tower makeup and MEE condensate shall be recycled in to process plant and cooling tower makeup. The RO rejects shall be sent to MEE and MEE concentrate shall be routed through ATFD. The ATFD salts shall be disposed to TSDF, Raipur, SPSR Nellore District and ATFD condensate shall be sent back to ETP for further treatment and shall maintain Zero Liquid Discharge (ZLD) system.

8) The industry shall properly collect 25 KLD of domestic waste water and treat the waste water in the STP. After treatment, the treated wastewater shall be utilized for on land for irrigation within the premises duly meeting the Board’s standards.

9) The industry shall not cause air & noise pollution to the nearby SC colony or habitation.

10) The industry shall properly collect ETP sludge and ATFD Salts and store in an elevated concrete platform in a closed system with dyke wall and dispose ETP sludge to TSDF, Parawada, in compliance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.


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

14) The industry shall not dispose any solid waste outside the factory premises.
15) 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.

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

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

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


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

21) The industry shall comply with the conditions stipulated in the CFE Order Dt.25.08.2018.

22) 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.

23) 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.

24) 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
Digital signature by N V Bhaskara Rao
Date: 2019/08/17 17:02:16 +05'30'

JOINT CHIEF ENVIRONMENTAL ENGINEER