

# JAI PRABHUJI IRON & STEEL PRIVATE LIMITED



JAI PRABHUJI

MANUFACTURERS OF QUALITY M.S. BILLET

Factory : C-21-24, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)  
Regd. Office : 27, Weston Street, 6th Floor, Room No. 611, Kolkata - 700 012  
Email : jai\_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com  
Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615  
Mobile : 9431125242 • 9431124208

27.12.2021

To,  
Regional Officer (ECZ)  
Ministry of Environment, Forest and Climate Change,  
Regional Office (ECZ), Bungalow No. A-2, Shyamali Colony,  
Ranchi - 834002

Subject: Regarding compliance of Environmental Clearance conditions.

Reference: Environmental Clearance from Ministry of Environment & Forest, New Delhi  
vide J-11011/180/2010-IA-II (I) dated 13.07.2011.

Sir,

We have obtained Environment Clearance and NOC from the concerned authorities for establishing our project at Kandra Industrial Area, Govindpur, District - Dhanbad, Jharkhand. The plant has been put in operation after obtaining consent to operate from JSPCB.

As per requirements of Environment (Protection) Act 1986 and various conditions of the above mentioned Environmental Clearance we are submitting the six monthly compliance reports with status for the period from 1<sup>st</sup> April 2021 to 30<sup>th</sup> September 2021 to the specified authorities. The same is enclosed for your information.

Thanking you.

Yours Faithfully,

For Jai Prabhuji Iron & Steel Pvt. Ltd.

Director



Enclosure: Compliance Report

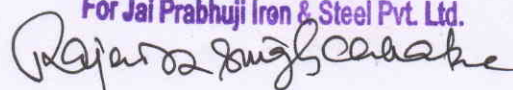
**COMPLIANCE OF ENVIRONMENTAL CLEARANCE**

**F. No. J-11011/180/2010- IA II (I), dated 13.07.2011**

**M/s. Jai Prabhuji Iron & Steel (P) Ltd., Kandra Industrial Area, Dhanbad**

| Sl   | CONDITION   | COMPLIANCE/ STATUS<br>(status: 1 <sup>st</sup> April 2021 – 30 <sup>th</sup> September 2021)  |
|------|---|---|
| A.   | <b>SPECIFIC CONDITIONS:</b>   |   |
| i)   | As per the commitment submitted, no charcoal shall be used as fuel. Pet coke shall be used as fuel instead of charcoal from unknown sources.  | No use of charcoal as a fuel.<br>Only Induction Furnaces powered by electricity installed. Proposed Ferro Alloys Unit has been dropped and accepted by MoEF & CC as per their 35 <sup>th</sup> MoM of EAC meeting dated 17 <sup>th</sup> & 18 <sup>th</sup> September 2018.   |
| ii)  | Continuous monitoring facilities for all the stacks and sufficient air pollution control equipments viz. fume extraction system with bag filters, ID fan and stack of adequate height to submerged arc furnace shall be provided to control emissions below 50 mg/Nm <sup>3</sup> .   | Condition applicable for submerged Arc Furnace (SAF), which has been dropped as above and will not be installed – thus not applicable.<br><br>Only Induction Furnace unit in which Bag Filter provided. Unit does not fall under the 17 categories of highly Polluting Industry, thus OCEMS not envisaged. Emissions are being maintained below 50 mg/Nm <sup>3</sup> . Copy of latest monitoring reports enclosed as <b>Annexure – 1</b> |
| iii) | The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.   | Standard as notified is being followed. Monitoring of all parameters as per NAAQs has now been done and reports attached as <b>Annexure – 2</b> .   |
| iv)  | Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.  | Secondary fugitive emissions being controlled with help of fume extractor covered shed, water sprinkling, plantation etc. Standard as notified is being followed  |
| v)   | Regular monitoring of influent and effluent surface, subsurface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act which are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB. | No effluent discharged or leakages outside plant premises. Water is used only for cooling purpose. Monitoring report for same attached as <b>Annexure - 3</b> .   |
| vi)  | Make up water requirement shall not exceed 51m <sup>3</sup> /day. 'Zero' effluent discharge shall be strictly followed and no wastewater should be discharged outside the premises.   | Make up water requirement is below 51 m <sup>3</sup> /day (approx. 20.2 m <sup>3</sup> /day). Zero discharge maintained only domestic effluent routed to septic tank –soak pit within premises. No discharge outside the premises.  |

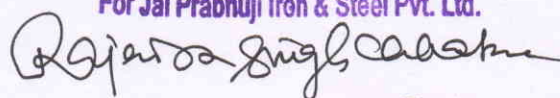
**For Jai Prabhuji Iron & Steel Pvt. Ltd.**



**Director**

|       |   |   |
|-------|---|---|
| vii)  | Efforts shall be made to use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.   | Rain water harvesting scheme has been implemented. The depth of central bore of RWH pit is 80 mtr as per approved drawing of Ground Water Directorate, GOJ. Settling pit water used for plant & other purpose to maximum extent possible.   |
| viii) | All the Ferro alloy slag shall be used in the Preparation of building materials.  | There is no Ferro Alloys Slag generated from the unit as SAF unit not installed and has been dropped. Slag from Induction Furnace Unit is being sold to outside parties for metal recovery units.   |
| ix)   | No Ferro Chrome shall be manufactured without prior approval from the Ministry of Environment & Forests.  | No Ferro Chrome or Ferro Alloys manufactured in the unit.   |
| x)    | Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB within three months of issue of environment clearance letter.  | Onsite and off-site DMP plan has been approved by Chief Inspector of Factory, Ranchi. Copy of same along with approval letter already submitted with previous compliance.   |
| xi)   | As proposed green belt shall be developed in at least 33% of the plant area. Selection of the plant species shall be as per the CPCB guidelines in consultation with DFO.   | We have developed green belt and is continued to attain 33% of the plant area.  |
| xii)  | At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on locals and item-wise details along with time bound action plan (need based) should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner. | 5% of the total cost of the project has been earmarked towards the Enterprise Social Commitment and will be utilized in consultation with local habitants.<br>ESC / CSR expenses till 30 <sup>th</sup> September 2021 are Rs. 31.81 Lakhs spent on various activities.<br>During this period of 01.04.2021 to 30.09.2021 amount of approx. Rs. 0.47 lakh spent on support to various heads in the area. Receipt of same attached as <b>Annexure – 4</b> |
| xiii) | The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.                          | Construction work is completed. Plant is in operation.  |

For Jai Prabhuj Iron & Steel Pvt. Ltd.



Director



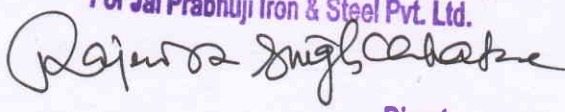
| B.  | GENERAL CONDITIONS  | COMPLIANCE/ STATUS   |
|-----|---|--|
| i   | The project authorities shall strictly adhere to the stipulations made by Jharkhand Pollution Control Board and State Government.   | It is being adhered.   |
| ii  | No further expansion or modification in the unit shall be carried out without prior approval of this Ministry of Environment and Forests.   | No expansion or modification in the unit w.r.t production capacity. Change of product from Ingot to Billets applied to MoEF & CC, New Delhi has been accepted and under process as per no increase in pollution load.          |
| iii | The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The SPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.   | It is being complied.  |
| iv  | At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months. | Complied. Latest SMR & AAQR is enclosed as Annexure – 1 and 2.   |
| v   | Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.  | Cooling water is being kept in closed circuit while domestic effluent is being treated in septic tank followed soak pit. No industrial wastewater is discharged. Siltation Pond in place for the same.                         |
| vi  | The overall noise levels in and around the cement grinding unit area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime)  | No cement grinding unit envisaged. DG set with acoustic enclosure has been installed. All noise levels below the permissible limits.<br>Noise monitoring report is enclosed as <b>Annexure – 5</b>                             |
| vii | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.   | Regular health check up of the workers is being done on fixed routine basis and records are being maintained. Copy of same submitted with previous compliance. Latest annual check-up report attached as <b>Annexure – 6</b> . |

For Jai Prabhuj Iron & Steel Pvt. Ltd.

*Rajendra Singh Chakrabarti*

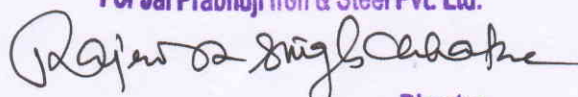
Director

|      |  |   |
|------|--|---|
| viii | The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.   | Rain water harvesting scheme has been implemented. The depth of central bore of RWH pit increased to 80 mtr as per approved drawing of Ground Water Directorate, GOJ. Settling pit water is being used for plant use purpose to maximum extent possible.  |
| ix   | The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.   | We have complied with all the environmental protection measures and safeguards recommended in the generated EIA/EMP report. We are taking care of socio-economic activities and submitting the half yearly compliance report.   |
| x    | Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry of Bhubaneswar. The funds so provided shall not be diverted for any other purpose.   | We have earmarked fund for environmental issue and have implemented. Details of same enclosed as <b>Annexure – 7</b> . The cost of EMP is on lower side as the Ferro Alloys (SAF) unit and its Pollution Control Equipment not installed and dropped. Only less polluting unit Induction Furnace installed along with requisite pollution control measures. |
| xi   | A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom Suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.  | Copies of receipt of EC to Panchayat and Zila Parishad has already been submitted with initial compliance report.   |
| xii  | The project proponent shall upload the status of compliance of the stipulated environment clearance, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar, The respective Zonal Office of CPCB and the SPCB. The criterial pollutant levels namely: PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | The company website (www.jpispl.com) is active. Latest compliance status of EC and results of monitoring has been uploaded. The monitoring data sent to CPCB, Zonal Office & MoEF, Regional Office, Ranchi.   |

For Jai Prabhuj Iron & Steel Pvt. Ltd.  
  
Director

|      |  |  |
|------|--|--|
| xiii | The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/CPCB/SPCB shall monitor the stipulated conditions.   | It is being complied. Reports sent both in hardcopy and email to Regional Office of Ministry at Ranchi.  |
| xiv  | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the Project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.   | We are submitting environmental statement every year. Copy of the Environmental statement for the year ending 31 <sup>st</sup> March 2021 attached as <b>Annexure - 8</b> .  |
| xv   | The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at the Website of the Ministry of Environment and Forests at <a href="http://7envfor.nic.in">http://7envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bhubaneswar. | The paper cutting of the two local news paper in which information regarding grant of EC was published already submitted with previous compliance.<br>The timeline for Newspaper publication was overlooked by mistake. In future it will be taken care of in time.  |
| xvi  | Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.   | Date of Financial closure is 14.12.2007 With Indian Overseas Bank.<br>CTE from JSPCB obtained vide PC/NOC/DHN/01/2010/B-2474 dated 12.09.2011; land development work started after 15.09.2011.<br>Commencement of Production of Induction Furnace was after obtaining CTO from of JSPCB as <b>Annexure - 9</b> . |

For Jai Prabhuj Iron & Steel Pvt. Ltd.

  
Director





# Eco Care



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ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000410F

Format No. : EC/TRT/42/FM/01

## TEST REPORT

|                     |  |                           |                                |
|---------------------|--|---------------------------|--------------------------------|
| Report Release Date | : 22.03.2021   | Sample Ref. No (ARF)      | : EC/ARF/29/210363             |
| Test Report No      | : EC/TR/42/03272   | Source of Sample          | : Billets Mfg. Unit            |
| Type of Sample      | : Dust & Gaseous Emission  | Sampling Date             | : 08.03.2021                   |
| Sample Collected by | : Mr. Binod Singh & Team   | Period of Analysis        | : 10.03.21 to 11.03.21         |
| Sample Details      | : Stack Emission   | Sampling Location         | : Furnace Stack via APC System |
| Name & Address      | : <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b><br>Kandra Industrial Area, Kandra<br>Dist – Dhanbad - 828109<br>Jharkhand | Sample Condition          | : Sealed & Preserved           |
|                     |  | Sample Stamped as         | : TH – 273                     |
|                     |  | Sample Drawn By           | : ECO CARE                     |
|                     |  | Sampling Plan & Procedure | : EC/SOP/03/01                 |
|                     |  | Remarks                   | : ---                          |
|                     |  | Deviation if any          | : None                         |

## GENERAL INFORMATION

|    |                                     |                                  |
|----|-------------------------------------|----------------------------------|
| 1  | Particular of the Plant             | : Billets Mfg. Unit              |
| 2  | Emission Due to                     | : Process Activity               |
| 3  | Stack Connected to                  | : Induction Furnace No – 1,2 & 3 |
| 4  | Material of Construction            | : M.S                            |
| 5  | Stack Height from G.L.              | : 30.48 m                        |
| 6  | Height of Sampling Port from G.L.   | : 09.40 m                        |
| 7  | Height of Sampling Port from L.D.Z. | : ---                            |
| 8  | Dimension of Stack at Sampling Port | : 0.35 m                         |
| 9  | Shape of the Stack                  | : Circular Ø                     |
| 10 | Working Load                        | : 7 MT/heat each Furnace         |

## FUEL CHARACTERISTIC REPORT

|   |                            |               |
|---|----------------------------|---------------|
| 1 | Source of Energy           | : Electricity |
| 2 | Energy Consumption         | : ---         |
| 3 | Calorific Value (K-Cal/Kg) | : ---         |

## RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS

|   |                                     | Method                   |
|---|-------------------------------------|--------------------------|
| 1 | Flue Gas Temperature                | 52 °C                    |
| 2 | Barometric Pressure                 | 757 mm Hg                |
| 3 | Velocity of Flue Gas                | 8.36 m/sec               |
| 4 | Flue Gas Quantity                   | 2646 NM <sup>3</sup> /hr |
| 5 | Concentration of Particulate Matter | 35.80 mg/NM <sup>3</sup> |
| 6 | Concentration of Carbon Dioxide     | 2.8 %                    |
| 7 | Concentration of SO <sub>2</sub>    | 38.63 mg/NM <sup>3</sup> |
| 8 | Concentration of NO <sub>x</sub>    | 25.39 mg/NM <sup>3</sup> |
|   |                                     | IS 11255 : Part 3        |
|   |                                     | IS 11255 : Part 3        |
|   |                                     | IS 11255 : Part 3        |
|   |                                     | IS 11255 : Part 3        |
|   |                                     | IS 11255 : Part 1        |
|   |                                     | IS 13270                 |
|   |                                     | IS 11255 : Part 2        |
|   |                                     | IS 11255 : Part 7        |

Note:- Latitude – 23°50'55.11664"(N), Longitude – 86°28'42.42677"(E)

- Test values are reported based on the samples received.
- Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
- The Test report shall not be reproduced, without the written approval of laboratory

*N. Agarwalla*

Authorised Signatory

NITRANJAN LAL AGARWALLA

B Tech MS (USA). A.M.I.E.

Scientist & Chief Executive



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ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000411P

Format No. : EC/TRT/42/FM/04

## TEST REPORT

|                      |   |                      |                        |
|----------------------|---|----------------------|------------------------|
| Report Release Date  | : 22.03.2021  | Sample Ref. No.(ARF) | : EC/ARF/29/210363     |
| Test Report No       | : EC/TR/42/03273  | Source of Sample     | : Billets Mfg. Unit    |
| Type of Sample       | : Suspended Dust & Gases  | Sampling Date        | : 08.03.21 to 09.03.21 |
| Sample Collection by | : Mr. Binod Singh & Team  | Period of Analysis   | : 11.03.21 to 20.03.21 |
| Sample Details       | : Ambient Air   | Sample Condition     | : Sealed & Preserved   |
| Name & Address       | : Jai Prabhuji Iron & Steel (P) Ltd<br>Kandra Industrial Area, Kandra<br>Dist – Dhanbad – 828109<br>Jharkhand | Remarks              | : ----                 |
|                      |   | Sample Drawn By      | : ECO CARE             |
|                      |   | Sampling Plan &      |                        |
|                      |   | Procedure            | : EC/SOP/03/01         |
|                      |   | Deviation if any     | : None                 |

### 1. Sampling Location: Near Main Gate

| SL NO | TESTS   | PROTOCOL  | Limit as per NAAQS | RESULT |
|-------|---|---|--------------------|--------|
| 1     | Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>       | IS 5182:Part 23:2006                            | 100                | 69.36  |
| 2     | Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>      | EPA CFR40(pt50), Appendix 1                     | 60                 | 28.78  |
| 3     | Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS 5182:Part 2:2001                             | 80                 | 24.61  |
| 4     | Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>      | IS 5182:Part 6:2006                             | 80                 | 29.40  |
| 5     | Lead (Pb), µg/m <sup>3</sup>                                | AAS METHOD AFTER SAMPLING                       | 1.0                | 0.13   |
| 6     | Arsenic (As), ng/m <sup>3</sup>                             | AAS METHOD AFTER SAMPLING                       | 6                  | < 0.50 |
| 7     | Nickel (Ni), ng/m <sup>3</sup>                              | AAS METHOD AFTER SAMPLING                       | 20                 | < 0.50 |
| 8     | Carbon Monoxide (CO), mg/m <sup>3</sup>                     | NDIR SPECTROSCOPY                               | 2                  | 0.163  |
| 9     | Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>               | INDO PHENOL BLUE METHOD                         | 400                | 33.29  |
| 10    | Benzo(Alpha) Pyrene, ng/m <sup>3</sup>                      | ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS | 1                  | 0.105  |
| 11    | Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>                  | CHEMICAL METHOD                                 | 180                | 33.24  |
| 12    | Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup> | ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS | 5                  | 0.126  |

\*Note:- Latitude-23°50'58.5923"(N), Longitude – 86°28'42.1576"(E)

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory

NIRANJAN LAL AGARWALLA  
B Tech MS (USA), A.M.I.E.  
Scientist & Chief Executive





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ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000412P

Format No. : EC/TRT/42/FM/04

## TEST REPORT

|                      |  |                           |                        |
|----------------------|--|---------------------------|------------------------|
| Report Release Date  | : 22.03.2021   | Sample Ref. No.(ARF)      | : EC/ARF/29/210363     |
| Test Report No       | : EC/TR/42/03274   | Source of Sample          | : Billets Mfg. Unit    |
| Type of Sample       | : Suspended Dust & Gases   | Sampling Date             | : 08.03.21 to 09.03.21 |
| Sample Collection by | : Mr. Bnod Singh & Team  | Period of Analysis        | : 11.03.21 to 20.03.21 |
| Sample Details       | : Ambient Air  | Sample Condition          | : Sealed & Preserved   |
| Name & Address       | : <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b><br>Kandra Industrial Area, Kandra<br>Dist – Dhanbad – 828109<br>Jharkhand | Remarks                   | : ----                 |
|                      |  | Sample Drawn By           | : ECO CARE             |
|                      |  | Sampling Plan & Procedure | : EC/SOP/03/01         |
|                      |  | Deviation if any          | : None                 |

### 2. Sampling Location: Near Store

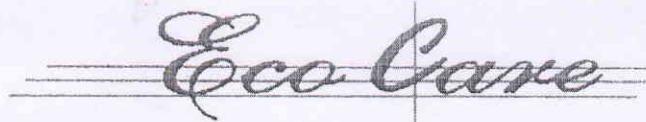
| SL NO | TESTS   | PROTOCOL  | Limit as per NAAQS | RESULT |
|-------|---|---|--------------------|--------|
| 1     | Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>       | IS 5182:Part 23:2006                            | 100                | 72.67  |
| 2     | Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>      | EPA CFR40(pt50), Appendix I                     | 60                 | 31.17  |
| 3     | Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS 5182:Part 2:2001                             | 80                 | 28.52  |
| 4     | Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>      | IS 5182:Part 6:2006                             | 80                 | 35.50  |
| 5     | Lead (Pb), µg/m <sup>3</sup>                                | AAS METHOD AFTER SAMPLING                       | 1.0                | 0.15   |
| 6     | Arsenic (As), ng/m <sup>3</sup>                             | AAS METHOD AFTER SAMPLING                       | 6                  | < 0.50 |
| 7     | Nickel (Ni), ng/m <sup>3</sup>                              | AAS METHOD AFTER SAMPLING                       | 20                 | < 0.50 |
| 8     | Carbon Monoxide (CO), mg/m <sup>3</sup>                     | NDIR SPECTROSCOPY                               | 2                  | 0.145  |
| 9     | Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>               | INDO PHENOL BLUE METHOD                         | 400                | 36.08  |
| 10    | Benzo(Alpha) Pyrene, ng/m <sup>3</sup>                      | ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS | 1                  | 0.112  |
| 11    | Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>                  | CHEMICAL METHOD                                 | 180                | 30.69  |
| 12    | Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup> | ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS | 5                  | 0.119  |

\*Note:- Latitude-23°58'54.74206"(N), Longitude – 86°28'40.88996"(E)

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3. The Test report shall not be reproduced, without the written approval of laboratory.

*Niranjan Lal Agarwalla*  
Authorised Signatory

NIRANJAN LAL AGARWALLA  
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Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO - TC510921000000413P

Format No. : EC/TRT/42/FM/04

**TEST REPORT**

|                      |   |                              |                        |
|----------------------|---|------------------------------|------------------------|
| Report Release Date  | : 22.03.2021  | Sample Ref. No (ARF)         | : EC/ARF/29/210363     |
| Test Report No       | : EC/TR/42/03275  | Source of Sample             | : Billets Mfg. Unit    |
| Type of Sample       | : Suspended Dust & Gases  | Sampling Date                | : 09.03.21 to 10.03.21 |
| Sample Collection by | : Mr. Binod singh & Team  | Period of Analysis           | : 11.03.21 to 20.03.21 |
| Sample Details       | : Ambient Air   | Sample Condition             | : Sealed & Preserved   |
| Name & Address       | : <b>Jai Prabhuj Iron &amp; Steel (P) Ltd</b><br>Kandra Industrial Area, Kandra<br>Dist - Dhanbad - 828109<br>Jharkhand | Remarks                      | : ---                  |
|                      |   | Sample Drawn By              | : ECO CARE             |
|                      |   | Sampling Plan &<br>Procedure | : EC/SOP/03/01         |
|                      |   | Deviation if any             | : None                 |

**3. Sampling Location: Near Temple**

| SL NO | TESTS   | PROTOCOL   | Limit as per NAAQS | RESULT |
|-------|---|--|--------------------|--------|
| 1     | Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>       | IS 5182:Part 23:2006                               | 100                | 75.18  |
| 2     | Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>      | EPA CFR40(pt50), Appendix 1                        | 60                 | 35.38  |
| 3     | Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS 5182:Part 2:2001                                | 80                 | 32.42  |
| 4     | Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>      | IS 5182:Part 6:2006                                | 80                 | 37.53  |
| 5     | Lead (Pb), µg/m <sup>3</sup>                                | AAS METHOD AFTER SAMPLING                          | 1.0                | 0.17   |
| 6     | Arsenic (As), ng/m <sup>3</sup>                             | AAS METHOD AFTER SAMPLING                          | 6                  | < 0.50 |
| 7     | Nickel (Ni), ng/m <sup>3</sup>                              | AAS METHOD AFTER SAMPLING                          | 20                 | < 0.50 |
| 8     | Carbon Monoxide (CO), mg/m <sup>3</sup>                     | NDIR SPECTROSCOPY                                  | 2                  | 0.156  |
| 9     | Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>               | INDO PHENOL BLUE METHOD                            | 400                | 41.87  |
| 10    | Benzo(Alpha) Pyrene, ng/m <sup>3</sup>                      | ABSORPTION & DESORPTION<br>FOLLOWED BY GC ANALYSIS | 1                  | 0.143  |
| 11    | Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>                  | CHEMICAL METHOD                                    | 180                | 38.43  |
| 12    | Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup> | ABSORPTION & DESORPTION<br>FOLLOWED BY GC ANALYSIS | 5                  | 0.131  |

\*Note:- Latitude-23°50'57.76364"(N), Longitude - 86°28'44.0072"(E)

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Authorised Signatory

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Specialised House on Environmental Monitoring, Analysis, Assessment &amp; Management

ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000414P

Format No. : EC/TRT/42/FM/04

## TEST REPORT

|                      |  |                              |                        |
|----------------------|--|------------------------------|------------------------|
| Report Release Date  | : 22.03.2021   | Sample Ref. No.(ARF)         | : EC/ARF/29/210363     |
| Test Report No       | : EC/TR/42/03276   | Source of Sample             | : Billets Mfg. Unit    |
| Type of Sample       | : Suspended Dust & Gases   | Sampling Date                | : 09.03.21 to 10.03.21 |
| Sample Collection by | : Mr. Binod Singh & Team   | Period of Analysis           | : 11.03.21 to 20.03.21 |
| Sample Details       | : Ambient Air  | Sample Condition             | : Sealed & Preserved   |
| Name & Address       | : <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b><br>Kandra Industrial Area, Kandra<br>Dist – Dhanbad – 828109<br>Jharkhand | Remarks                      | : ----                 |
|                      |  | Sample Drawn By              | : ECO CARE             |
|                      |  | Sampling Plan &<br>Procedure | : EC/SOP/03/01         |
|                      |  | Deviation if any             | : None                 |

### 4. Sampling Location: Near Transformer

| SL NO | TESTS   | PROTOCOL  | Limit as per NAAQS | RESULT |
|-------|---|---|--------------------|--------|
| 1     | Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>       | IS 5182:Part 23:2006                            | 100                | 78.56  |
| 2     | Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>      | EPA CFR40(pt50), Appendix I                     | 60                 | 39.46  |
| 3     | Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS 5182:Part 2:2001                             | 80                 | 20.70  |
| 4     | Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>      | IS 5182:Part 6:2006                             | 80                 | 26.02  |
| 5     | Lead (Pb), µg/m <sup>3</sup>                                | AAS METHOD AFTER SAMPLING                       | 1.0                | 0.16   |
| 6     | Arsenic(As), ng/m <sup>3</sup>                              | AAS METHOD AFTER SAMPLING                       | 6                  | < 0.50 |
| 7     | Nickel (Ni), ng/m <sup>3</sup>                              | AAS METHOD AFTER SAMPLING                       | 20                 | < 0.50 |
| 8     | Carbon Monoxide (CO), mg/m <sup>3</sup>                     | NDIR SPECTROSCOPY                               | 2                  | 0.171  |
| 9     | Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>               | INDO PHENOL BLUE METHOD                         | 400                | 39.73  |
| 10    | Benzo(Alpha) Pyrene, ng/m <sup>3</sup>                      | ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS | 1                  | 0.137  |
| 11    | Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>                  | CHEMICAL METHOD                                 | 180                | 40.58  |
| 12    | Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup> | ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS | 5                  | 0.116  |

\*Note:- Latitude-23°50'55.11664"(N), Longitude – 86°28'42.05168"(E)

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*Authorised Signatory*

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# Eco Care



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ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO - TC510921000000418F

Format No. : EC/TRT/42/FM/06

## TEST REPORT

|  |   |
|--|---|
| Report Release Date : 22.03.2021   | Sample Ref. No (ARF) : EC/ARF/29/210363   |
| Test Report No : EC/TR/42/03280  | Source of Sample : Billets Mfg. Unit  |
| Type of Sample : Ground Water  | Sampling Date : 08.03.2021  |
| Sample Collected by : Mr. Binod Singh  | Period of Analysis : 10.03.2021   |
| Sample Details : Bore Well   | Sampling Location : Outside of the Plant<br>( Across the Road )   |
| Name & Address : Jai Prabhuji Iron & Steel (P) Ltd<br>Kandra Industrial Area, Kandra<br>Dist - Dhanbad - 828109<br>Jharkhand | Sample Condition : Sealed & Preserved<br>Sample Stamped as : "JPISPL" - 125"<br>Sample Drawn By : ECO CARE<br>Remarks : ---<br>Sampling Plan &<br>Procedure : EC/SOP/03/01<br>Deviation if any : None |

| Sl. No. | Parameters                                   | Unit | Test Method<br>(APHA 23 <sup>rd</sup> Edition) | Standards<br>(IS:10500) | Results |
|---------|--|------|--|-------------------------|---------|
| 1       | pH at 25.2 °C                                |      | 4500-H <sup>+</sup> B                          | 6.5 - 8.5               | 7.32    |
| 2       | TDS  | mg/l | 2540 C   | 500.0                   | 328.60  |
| 3       | Turbidity                                    | NTU  | 2130 B   | 1.0                     | < 1.00  |
| 4       | Total Alkalinity (as CaCO <sub>3</sub> )     | mg/l | 2320 B   | 200.0                   | 90.20   |
| 5       | Chloride (as Cl <sup>-</sup> )               | mg/l | 4500 - Cl <sup>-</sup> B                       | 250.0                   | 32.78   |
| 6       | Total Hardness (as CaCO <sub>3</sub> )       | mg/l | 2340 C   | 200.0                   | 138.72  |
| 7       | Calcium (as Ca <sup>2+</sup> )               | mg/l | 3500 - Ca B                                    | 75.0                    | 44.15   |
| 8       | Sulphate (as SO <sub>4</sub> <sup>2-</sup> ) | mg/l | 4500 - SO <sub>4</sub> <sup>2-</sup> E         | 200.0                   | 18.37   |
| 9       | Iron (as Fe)                                 | mg/l | 3500 - Fe B                                    | 0.3                     | 0.09    |
| 10      | Magnesium (as Mg)                            | mg/l | 3500 - Mg B                                    | 30.0                    | 6.94    |

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Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000417F

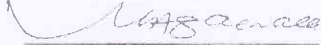
Format No. : EC/TRT/42/FM/05

## TEST REPORT

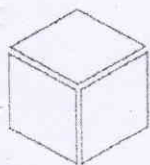
|                     |  |                              |                        |
|---------------------|--|------------------------------|------------------------|
| Report Release Date | : 22.03.2021   | Sample Ref. No (ARF)         | : EC/ARF/29/210363     |
| Test Report No      | : EC/TR/42/03279   | Source of Sample             | : Billets Mfg. Unit    |
| Type of Sample      | : Water  | Sampling Date                | : 08.03.2021           |
| Sample Collected by | : Mr. Binod Singh  | Period of Analysis           | : 10.03.21 to 15.03.21 |
| Sample Details      | : Effluent Water   | Sampling Location            | : Domestic Effluent    |
| Name & Address      | : <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b><br>Kandra Industrial Area, Kandra<br>Dist – Dhanbad – 828109<br>Jharkhand | Sample Condition             | : Sealed & Preserved   |
|                     |  | Sample Stamped as            | : "JPISPL – 23"        |
|                     |  | Sample Drawn By              | : ECO CARE             |
|                     |  | Remarks                      | : ---                  |
|                     |  | Sampling Plan &<br>Procedure | : EC/SOP/03/01         |
|                     |  | Deviation if any             | : None                 |

| Sl. No. | Parameters              | Unit | Test Method (APHA 23 <sup>rd</sup> Edition) | Standards (EPR 1986 & IS 2296:1982) | Results |
|---------|-------------------------|------|---|-------------------------------------|---------|
| 1       | pH 25.2 °C              |      | 4500-H <sup>+</sup> B                       | 5.5 – 9.0                           | 6.65    |
| 2       | Temperature             | °C   | ---   | ---                                 | 25.2    |
| 3       | TSS                     | mg/l | 2540 D                                      | 100.0                               | 49.30   |
| 4       | TDS                     | mg/l | 2540 C                                      | 2100.0                              | 978.45  |
| 5       | BOD (3 days) at 27.0 °C | mg/l | IS 3025 (Part - 44): 1993                   | 30.0                                | 7.4     |
| 6       | COD                     | mg/l | 5220 B                                      | 250.0                               | 29      |
| 7       | Oil & Grease            | mg/l | 5520 B                                      | 10.0                                | < 2.00  |

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Authorised Signatory

NIRANJAN LAL AGARWALLA  
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Scientist & Chief Executive



# Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

• Infrastructure Engineering  
• Water Resource Management  
• Environmental & Social Study

• Surface & Sub-Surface Investigation  
• Quality Control & Project Management  
• Renewable Energy

• Agricultural Development  
• Information Technology  
• Public Health Engineering

• Mine Planning & Design  
• Mineral/Sub-Soil Exploration  
• Waste Management Services

Laboratory Services  
Environment Lab  
Food Lab  
Material Lab  
Soil Lab  
Mineral Lab  
&  
Microbiology Lab

Ref: Enulab/2019-R-9212

Date: 24.03.2021

## LEACHEBILITY ANALYSIS REPORT

1. Name of the Industry : M/s JAI PRABHUJI IRON & STEEL PVT.LTD,  
KANDRA INDUSTRIAL AREA, KANDRA-828109  
DHANBAD
2. Sampling Location : S1: Induction Furnace Slag Storing
3. Date of Sampling : 09.03.2021
4. Date of Sample Receiving : 10.03.2021
5. Date of Analysis : 10.03.2021 to 16.03.2021
6. Sample Collected by : VCSPL Representative in presence of Client's Representative

| Sl.No. | Name of the Parameters | Unit | Testing Method   | Govt.Of India, MoEF & CC<br>Schedule-II based on<br>leachable concentration limits<br>(TCLP) or Soluble Threshold<br>limit Concentration (STLC),<br>Class A 2016 | Analysis<br>Result<br><br>S1 |
|--------|------------------------|------|--|--|------------------------------|
| 1      | Arsenic as As          | mg/l | TCLP With Zero Head<br>Extraction Followed by<br>Analysis in AAS | 5  | <0.001                       |
| 2      | Barium as Ba           | mg/l |  | 100  | 0.021                        |
| 3      | Cadmium as Cd          | mg/l |  | 1  | <0.001                       |
| 4      | Chromium as Cr         | mg/l |  | 5  | <0.05                        |
| 5      | Lead as Pb             | mg/l |  | 5  | <0.01                        |
| 6      | Mercury as Hg          | mg/l |  | 0.2  | <0.001                       |
| 7      | Selenium as Se         | mg/l |  | 1  | <0.001                       |
| 8      | Iron as Fe             | mg/l |  | --   | 0.18                         |
| 9      | Nickel as Ni           | mg/l |  | 20   | <0.01                        |
| 10     | Zinc as Zn             | mg/l |  | 250  | 0.001                        |
| 11     | Manganese as Mn        | mg/l |  | 10   | <0.005                       |
| 12     | Cobalt as CO           | mg/l |  | 80   | <0.001                       |
| 13     | Copper as Cu           | mg/l |  | 25   | 0.058                        |
| 14     | Vanadium as V          | mg/l |  | 24   | <0.001                       |
| 15     | Aluminium as Al        | mg/l |  | --   | <1.0                         |
| 16     | Fluoride as F          | mg/l |  | 180  | 2.4                          |



Plot No.- M-22 & 23, Chandaka Industrial Estate, Patia, Bhubaneswar, Khurda, Odisha-751024, India Tel.: 0674-3511721

E-mail: visiontek@vcspl.org, visiontekin@gmail.com

Visit us at: www.vcspl.org



**JAI PRABHUJI IRON & STEEL PRIVATE LIMITED**

JAI PRABHUJI

**MANUFACTURERS OF QUALITY M.S. BILLET****Factory : C-21-24, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)****Regd. Office : 27, Weston Street, 6th Floor, Room No. 611, Kolkata - 700 012****Email : jai\_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com****Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615****Mobile : 9431125242 • 9431124208****CSR ACTIVITIES: PERIOD 1.04.2021 TO 30.09.2021**

| SL NO | ACTIVITY           | AMOUNT SPENT in Rs. |
|-------|--------------------|---------------------|
| 1.    | Bhitia Sports Club | 40,000.00           |
| 2.    | Shri Ganga Gausala | 7,500.00            |
|       | Total              | Rs. 47,500.00       |

For Jai Prabhuji Iron &amp; Steel Pvt. Ltd.

Director



# BHITIA SPORTS CLUB



BHITIA STADIUM, KANDRA INDUSTRIAL AREA, BHITIA,  
GOVINDPUR, DIST.- DHANBAD, PIN- 828109

Sl. No. 041

Date 16/09/21

*Received with thanks from :*



*Sri/Smt. Jai Prabhaji Iron & Steel Pvt Ltd.*

*the Sum of Rupees Forty Thousand only*

*as Donation/Suswription for promoting Sports & Other  
Activities.*

₹ 40,000/-

*[Signature]*  
Collector

!! वन्दे धेतु मातरम् !!



# श्री गंगा गौशाला

(कतरास - करकेन्द)

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो० : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

627

रसीद नं०

2021-22

दिनांक 21-5-21

श्रीमती/श्रीमान

जय उग्र आगल हंस हरी न  
डा० लि०

पता

गौविन्दपुर

दाता का पैन नं०

मो०

मेल पता

## PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद पंजीकरण संख्या - F.No. CIT / DHN / TECH / 12A-302010/4199 Dated 15th March 2011

| विवरण          | रुपया           |
|----------------|-----------------|
| कुल राशि       | 1500/-          |
| अर्पित         | /               |
| कुल राशि       | 1500/-          |
| रु० शब्दों में | एक हजार पान बीस |
| चेक विवरण      |                 |

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मंत्री

प्राप्तकर्ता

Annexure - 4.2



!! वन्दे धेनु मातरम् !!



# श्री गंगा गौशाला

(कतरास -करकेन्द)



झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

रसीद नं0

2021-22

दिनांक 21.6.21

श्रीमती/श्रीमान

1173

जय प्रिय आयाल एस लील  
डा0 लिल

पता

जैविन्द

दाता का पैन नं0

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मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद पंजीकरण संख्या - F.No. CIT / DHN / TECH / 12A-302010/4199 Dated 15th March 2011

| विवरण                           | रुपया  |
|---------------------------------|--------|
| पुरीम-लेवा<br>मई                | 1500/- |
| कुल राशि                        | 1500/- |
| रु0 शब्दों में एक हजार पान ली + |        |
| चेक विवरण                       |        |

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मंत्री

प्राप्तकर्ता

!! वन्दे धेनु मातरम् !!



# श्री गंगा गौशाला

(कतरास - करकेन्द)



झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

रसीद नं0

1594

2021-22

दिनांक 23.7.21

श्रीमती/श्रीमान

जय प्रकाश आर्यन एस एल  
प्रा0 लि0

पता

गौविन्दपुर

दाता का पैन नं0

मो0

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद पंजीकरण संख्या - F.No. CIT / DHN / TECH / 12A-302010/4199 Dated 15th March 2011

| विवरण            | रुपया              |
|------------------|--------------------|
| पुरमि-लेवा<br>रस | 1500/-             |
| कुल राशि         | 1500/-             |
| रु0 शब्दों में   | एक हजार पचास रुपये |
| चेक विवरण        |                    |

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मंत्री

प्राप्तकर्ता

प्राप्तकर्ता



!! वन्दे धेनु मातरम् !!



# श्री गंगा गौशाला

(कतरास - करकेन्द)

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो 0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

स्सीड नं०

2316

2021-22

दिनांक

21.8.21

श्रीमती/श्रीमान्

जय प्रसन्न आनन्द एंड वील  
प्रा. लि.

पता

मैनि-254

दाता का पैन नं०

मो०

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद पंजीकरण संख्या - F.No. CIT / DHN / TECH / 12A-302010/4199 Dated 15th March 2011

| विवरण                | रुपया            |
|----------------------|------------------|
| पुरमि-लैवा<br>अलार्ड | 1500/-           |
| कुल राशि             | 1500/-           |
| रु० शब्दों में       | एक हजार पान दो + |
| चेक विवरण            |                  |

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मंत्री

प्राप्तकर्ता



!! वन्दे धेनु मातरम् !!



# श्री गंगा गौशाला



(कतरास - करकेन्द)

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

रसीद नं0 **2625**

2021-22

दिनांक **20-9-21**

श्रीमती/श्रीमान **जय प्रसन्न झांगल एस लील**  
**प्रो लिल**

पता **गोविन्दपुर**

दाता का पैन नं0 मो0

मेल पता

**PAN - AABTS 6018B**

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद पंजीकरण संख्या - F.No. CIT / DHN / TECH / 12A-302010/4199 Dated 15th March 2011

| विवरण                                    | रुपया         |
|--|---------------|
| <b>पुराण-देवा</b><br><b>आगत</b>          | <b>1500/-</b> |
| कुल राशि                                 | <b>1500/-</b> |
| रु0 शब्दों में <b>एक हजार पचास मात्र</b> |               |
| चेक विवरण                                |               |

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

**मन्त्री**

**प्राप्तकर्ता**

!! वन्दे धेनु मातरम् !!



# श्री गंगा गौशाला



(कतरास - करकेन्द)

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो 0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

रसीद नं०

3551

2021-22

दिनांक

22-10-21

श्रीमती/श्रीमान

श्रीमती/श्रीमान श्रीमती/श्रीमान

पता

दाता का पैन नं०

मो०

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद पंजीकरण संख्या - F.No. CIT / DHN / TECH / 12A-302010/4199 Dated 15th March 2011

| विवरण                                    | रुपया              |
|--|--------------------|
| पुराना-नया<br>नितम्ब                     | 1500/-             |
| AABTS6018B for 30G<br>AABTS6018B for 12A |                    |
| कुल राशि                                 | 1500/-             |
| रु० शब्दों में                           | एक हजार पचास रुपये |
| चेक विवरण                                |                    |

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मंत्री

प्राप्तकर्ता



# Eco Care



Certificate No. TC-5109

Phone : (0341) 2252011

Fax : (0341) 2252011

E-mail : [ecocareasansol@rediffmail.com](mailto:ecocareasansol@rediffmail.com)

Manoj Talkies Basement, Kumarpur

ASANSOL-713304 (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000415F

Format No. : EC/TRT/42/FM/07

## TEST REPORT

|                     |  |                           |                        |
|---------------------|--|---------------------------|------------------------|
| Report Release Date | : 22.03.2021   | Sample Ref. No.(ARF)      | : EC/ARF/29/210363     |
| Test Report No      | : EC/TR/42/03277   | Source of Sample          | : Billets Mfg. Unit    |
| Type of Sample      | : Noise  | Sampling Date             | : 08.03.21 to 09.03.21 |
| Sample Collected by | : Mr. Binod Singh & Team   | Period of Analysis        | : ----                 |
| Sample Details      | : Ambient Noise  | Sample Condition          | : ----                 |
| Name & Address      | : <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b><br>Kandra Industrial Area, Kandra<br>Dist – Dhanbad – 328109<br>Jharkhand | Remarks                   | : ----                 |
|                     |  | Sample Drawn By           | : ECO CARE             |
|                     |  | Sampling Plan & Procedure | : EC/SOP/03/01         |
|                     |  | Deviation if any          | : None                 |

## METEOROLOGICAL INFORMATION

|   |                                |           |
|---|--------------------------------|-----------|
| 1 | Average Temperature ( °C )     | 28.4      |
| 2 | Average Relative Humidity (%)  | 69.0      |
| 3 | Barometric Pressure (mm of Hg) | 757       |
| 4 | Weather Condition              | Clear Day |

## AMBIENT NOISE QUALITY REPORT

| Sampling Location | NOISE LEVEL |             |             |             |             |             |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                   | Minimum     |             | Leq – Mean  |             | Maximum     |             |
|                   | Day         | Night       | Day         | Night       | Day         | Night       |
| 1. Near Main Gate | 61.00 dB(A) | 54.60 dB(A) | 67.38 dB(A) | 61.80 dB(A) | 73.10 dB(A) | 67.60 dB(A) |
| 2. Near Store     | 52.30 dB(A) | 50.80 dB(A) | 62.96 dB(A) | 58.90 dB(A) | 67.80 dB(A) | 62.30 dB(A) |

\*Note:- 1. Near Main Gate - Latitude-23°50'58.5923"(N), Longitude – 86°28'42.1576"(E)

2. Near Store - Latitude-23°58'54.74206"(N), Longitude – 86°28'40.88996"(E)

1. Test values are reported based on the samples received.
2. The Test report shall not be reproduced, without the written approval of laboratory

Authorised Signatory

NIRANJAN LAL AGARWALLA

B Tech MS (USA). A.M.I.E.

Scientist & Chief Executive





# Eco Care



Phone : (0341) 2252011

Fax : (0341) 2252011

E-mail : ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

ASANSOL-713304 (W.B.)

Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

ULR NO – TC510921000000416F

Format No. : EC/TRT/42/FM/07

## TEST REPORT

|                     |  |                              |                        |
|---------------------|--|------------------------------|------------------------|
| Report Release Date | : 22.03.2021   | Sample Ref. No (ARF)         | : EC/ARF/29/210363     |
| Test Report No      | : EC/TR/42/03278   | Source of Sample             | : Billets Mfg. Unit    |
| Type of Sample      | : Noise  | Sampling Date                | : 09.03.21 to 10.03.21 |
| Sample Collected by | : Mr. Binod Singh & Team   | Period of Analysis           | : ----                 |
| Sample Details      | : Ambient Noise  | Sample Condition             | : ----                 |
| Name & Address      | : <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b><br>Kandra Industrial Area, Kandra<br>Dist – Dhanbad - 328109<br>Jharkhand | Remarks                      | : ----                 |
|                     |  | Sample Drawn By              | : ECO CARE             |
|                     |  | Sampling Plan &<br>Procedure | : EC/SOP/03/01         |
|                     |  | Deviation if any             | : None                 |

## METEOROLOGICAL INFORMATION

|   |                                |           |
|---|--------------------------------|-----------|
| 1 | Average Temperature ( °C )     | 28.6      |
| 2 | Average Relative Humidity (%)  | 68.0      |
| 3 | Barometric Pressure (mm of Hg) | 757       |
| 4 | Weather Condition              | Clear Day |

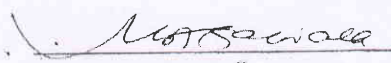
## AMBIENT NOISE QUALITY REPORT

| Sampling Location   | NOISE LEVEL |             |             |             |             |             |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                     | Minimum     |             | Leq – Mean  |             | Maximum     |             |
|                     | Day         | Night       | Day         | Night       | Day         | Night       |
| 3. Near Temple      | 54.70 dB(A) | 48.70 dB(A) | 60.35 dB(A) | 54.63 dB(A) | 63.40 dB(A) | 58.50 dB(A) |
| 4. Near Transformer | 49.20 dB(A) | 41.00 dB(A) | 56.69 dB(A) | 49.07 dB(A) | 61.40 dB(A) | 55.40 dB(A) |

\* Note - 3. Near Temple - Latitude-23°50'57.76364"(N), Longitude – 86°28'44.0072"(E)

4. Near Transformer - Latitude-23°50'55.11664"(N), Longitude – 86°28'42.05168"(E)

1. Test values are reported based on the samples received.
2. The Test report shall not be reproduced, without the written approval of laboratory

  
Authorised Signatory  
NIRANJAN LAL AGARWALLA  
B Tech MS (USA), A.M.I.E.  
Scientist & Chief Executive



सर्वका सल्लिक एक

# OM SAI HOSPITAL & RESEARCH CENTRE

BICH BAZAR, GOVINDPUR, DHANBAD (JHARKHAND)

Ph. : 06540-262402, Mob. : 9470995789, 9709208001

Website : www.omsaihospital.org, Email : osh@omsaihospital.org



Annexure- 6

DATE- 21.02.2021

## EMPLOYEE HEALTH REPORT OF JAI PRABHUJI IRON & STEEL PVT. LTD

| SL. NO. | NAME OF EMPLOYEE      | X-RAY REPOPT | P.F.T REPORT | REMARK |
|---------|-----------------------|--------------|--------------|--------|
| 1       | AJAY KR. SINHA        | NAD          | 73%          |        |
| 2       | ASAD ANSARI           | NAD          | 76%          |        |
| 3       | ASIF ANSARI           | -----        | #NAME?       | AB     |
| 4       | ASLAM ANSARI          | NAD          | 75%          |        |
| 5       | FIROJ ANSARI          | NAD          | 73%          |        |
| 6       | IBRAR ALAM ANSARI     | NAD          | 76%          |        |
| 7       | INAMUL ANSARI         | NAD          | 74%          |        |
| 8       | SINGHASHAN SINGH      | NAD          | 77%          |        |
| 9       | KHURSID ALAM          | NAD          | 73%          |        |
| 10      | RATISH JHA            | NAD          | 75%          |        |
| 11      | SAMSHER ANSARI        | NAD          | 76%          |        |
| 12      | VIVEKANAND            | NAD          | 72%          |        |
| 13      | MD. RIZWAN AFTAB      | NAD          | 74%          |        |
| 14      | DILIP KR. PATHAK      | NAD          | 73%          |        |
| 15      | MD. SAHID ANSARI      | NAD          | 75%          |        |
| 16      | MD. SABUL ANSARI      | NAD          | 72%          |        |
| 17      | MD. JASIM ANSARI      | -----        | -----        | AB     |
| 18      | MEGHU MAHATO          | NAD          | 78%          |        |
| 19      | SIDDIK ANSARI         | NAD          | 74%          |        |
| 20      | SOHEL ANSARI          | NAD          | 75%          |        |
| 21      | JAINUL ANSARI         | NAD          | 73%          |        |
| 22      | CHANDA SINGH          | NAD          | 75%          |        |
| 23      | SUBHASH CHANDRA VERMA | NAD          | 72%          |        |



DR. VIKASH RAMAN (DIRECTOR)

OM SAI HOSPITAL & RESEARCH CENTRE

नोट : 24 घंटे सेवा उपलब्ध 24 Hours Service Available



- This is only Professional opinion and not a diagnosis
- It should be clinically co-related be cross-checked
- Report not valid for medico legal purpose

**JAI PRABHUJI IRON & STEEL PRIVATE LIMITED****JAI PRABHUJI****MANUFACTURERS OF QUALITY M.S. BILLET****Factory : C-21-24, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)****Regd. Office : 27, Weston Street, 6th Floor, Room No. 611, Kolkata - 700 012****Email : jai\_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com****Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615****Mobile : 9431125242 • 9431124208****TOTAL EXPENDITURE ON EMP**

| SL NO   | ACTIVITY                                   | AMOUNT SPENT in     |
|---|--|---------------------|
|   | Opening Total Expenditure till 31.03.2021  | Rs. 40,73,183.00    |
| <b>Additional expenses between : 01.04.2021 to 30.09.2021</b> |  |                     |
| 1.  | Salary of gardener and consumables         | 61,200.00           |
| 2.  | Up gradation & Maintenance of APCD         | 1,06,100.00         |
| 3.  | Water Sprinkling for Dust suppression      | 42,000.00           |
| 4.  | Recurring Expenditure on operation of APCD | 3,79,800.00         |
|   | <b>Total</b>                               | <b>46,62,283.00</b> |

**For Jai Prabhuji Iron & Steel Pvt. Ltd.**
**Director**



**From V  
(see Rule 14)**

Environmental Statement for the financial year ending the 31<sup>st</sup> March 2021,

**PART-A**

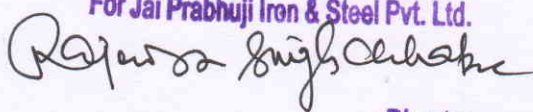
- 1) Name & Address of the Owner/ Occupier of the industry operation Or process : **M/s Jai Prabhuji Iron & Steel Pvt.Ltd.**  
C- 21-24, Kandra Industrial Area,  
Govindpur, Dhanbad – 828109,  
Jharkhand
- 2) Industry category primary: (STC Code): Iron Casting
- 3) Production capacity (Units): MS Billet - 36000 TPA
- 4) Date of the last environmental statement submitted: 07.12.2020
- 5) Year of establishment : 23.07.2004

**PART- B**

**Water and Raw Materials Consumption**

- (1) Water consumption per day : 20.2 KLD
- Process : Nil
- Cooling : 15.5 KLD
- Domestic : 03 KLD
- Other : 02 KLD

| Name of the Products   |                 | Process water consumption per unit of Product output   |   |
|--|-----------------|--|---|
|  |                 | During the previous Financial year                     | During the current financial year             |
| Cooling  |                 | 0.19 KL/T  | 0.130 KL/T                                    |
| (ii) Raw Material Consumption  |                 |  |   |
| Name of Material   | Name of Product | Consumption of raw material per Unit of product output |   |
|  |                 | During the previous financial year (2019-2020)         | During the current financial year (2020-2021) |
| MS Scrap, Sponge Iron, Cast Iron   | MS Billet       | 1.31 T/T   | 1.275 T/T                                     |
| Industry May use code if discharge details of Raw Materials would violate contractual obligation, otherwise and industries have to name the raw materials. |                 |  |   |

For Jai Prabhuji Iron & Steel Pvt. Ltd.  
  
Director

**PART-C**

Pollution Discharged in the Environment / unit Output (Parameter as certified in the consent issued)

| 1. Pollutants | Quantity of pollutants discharged (Mass/day)           | concentrations of pollution in discharged (Mass/day) | Variation from prescribed with reasons |
|---------------|--|--|--|
| (a) Water     | Zero Ind. Effluent Discharge maintained with recycling | NA   | NA                                     |
| (b) Air       | Within norms   | Monitoring reports Enclosed.                         | NA                                     |

**PART-D**

Hazardous Wastes (As specified under Hazardous Waste/Management and Handling Rules, 1989)

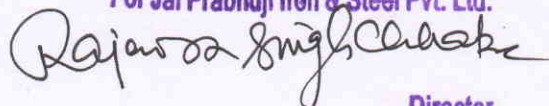
| Hazardous Waste               | Total Quantity(Kg.)                |                                   |
|-------------------------------|------------------------------------|-----------------------------------|
|                               | During the previous Financial year | During the current financial year |
| (a) From Process              | 0.02 KL<br>(Used Oil )             | 0.021 KL<br>(Used Oil )           |
| (b) From pollution Facilities | Nil                                | Nil                               |

**PART-E**

Solid Waste

|   | Total Quantity (in MT.)                        |   |
|---|--|---|
|   | During the previous Financial year (2019-2020) | During the current Financial year (2020-2021) |
| (a) From Process                                    | 10960 MT                                       | 9848 MT                                       |
| (b) From Pollution Control Facilities               | Nil  | Nil   |
| 1. Quantity received or re-utilized Within the unit |  |   |
| 2. Solid  | 10925 MT                                       | 9840 MT<br>(disposed)                         |
| 3. Disposed   |  |   |

For Jai Prabhuj Iron &amp; Steel Pvt. Ltd.



Director

**PART-F**

Please specify the characterization (in the term of consumption and quantity) of Hazardous as well as solid waste and disposal practice adapted for both these Categories of waste.

Solid Waste (Slag) is to outside parties (Rama Metal Udyog, Kajora, WB) for metal extraction and re-use in construction filling.

**PART-G**

Impact of the pollution abatement measures taken on conservation of natural resource and on production

This work zone environment is maintained and hence efficiency of workers improved.

**PART-H**

Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.

FES with Scrubber has been installed, other measures as per direction of the Board

**PART-I**

Any other particulars for improving the quantity of the environment.

Tree Plantation has been done and maintained properly, Water spraying is done when and where is required. Further plantation is being carried out in the plant premises.

For Jai Prabhuji Iron & Steel Pvt. Ltd.

*Rajendra Singh Chakraborty*

Director



M/S JAI PRABHUJI IRON & STEEL PVT LTD, KANDRA INDUSTRIAL AREA, DHANBAD

**COMPLIANCE REPORT OF CONSENT TO OPERATE**

Ref No. JSPCB/HO/RNC/CTO-3706288/2018/1699, Dated 2018-10-30

**SPECIFIC CONDITIONS**

|   |  |  |
|---|--|--|
| 1 | That, the occupier shall operate and maintain air pollution control Device regularly and keep record of it.  | Being Complied   |
| 2 | That, the occupier shall keep the maximum annual production below the capacity required for the obtaining Environment Clearance as per EIA Notification 2006 and shall submit Annual production report to this office yearly | Agreed and complied.   |
| 3 | That, the occupier shall utilize and dispose slag properly.  | Being complied. Slag is send to Recovery unit and used for road construction.                |
| 4 | That, the occupier shall do water sprinkling at all the dust generated areas and maintain good housekeeping.   | Complied.<br>Water sprinkling done at all dusty generating area and housekeeping maintained. |
| 5 | That, the occupier shall in no case dispose water outside the premises of the unit.  | Being complied. No water discharged outside.   |
| 6 | That, the occupier shall make the inside work area pucca and maintain it.  | Being Complied   |

For Jai Prabhuji Iron & Steel Pvt. Ltd.

*Rajendra Singh Chakrabarti*

Director

|    |  |   |
|----|--|---|
| 7  | That, the occupier shall implement rain water harvesting system regularly and shall make arrangement properly to quench rain water.  | Complied.<br>Two no's of recharge pit made.                       |
| 8  | That the occupier shall do tree plantation in all vacant area of the premise and shall protect it for 05 years.  | Plantation done in all around the factory premises and continued. |
| 9  | That the occupier shall submit the compliance report along with all evidentiary documents and photographs of pollution control device.   | Complied. (Photographs of PCD attached)                           |
| 10 | That the occupier shall if be found violating the consent to operate at any point of time during inspection of the plant by the competent authority, the consent to operate shall be revoked as per provision of the acts.   | Being Complied  |
| 11 | That the occupier shall submit applications for renewal of the consent under section 25/26 of the water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of pollution) Act, 1981 again 120 days prior to the date of expiry of this consent i.e. 31.12.2023 with documents showing compliance of all of the above conditions. | Complied  |

For Jai Prabhuji Iron & Steel Pvt. Ltd.

*Rajendra Singh Chakraborty*

Director

## GENERAL CONDITIONS

That, the occupier shall maintain the **National Ambient Air Quality Standard** given below:

| S.N | Pollutant   | Time Weighted Average | Concentration in Ambient Air                 |  |
|-----|---|-----------------------|--|--|
|     |   |                       | Industrial Residential, Rural and Other Area | Ecologically Sensitive Area (notified by Central Govt) |
| (1) | (2)   | (3)                   | (4)  | (5)  |
| 1   | Sulphur Dioxide (SO <sub>2</sub> ), µ/m <sup>3</sup>                | Annual<br>24Hours     | 50<br>80                                     | 20<br>80   |
| 2   | Nitrogen Dioxide (NO <sub>2</sub> ), µ/m <sup>3</sup>               | Annual<br>24Hours     | 40<br>80                                     | 30<br>80   |
| 3   | Particulate Matter (Size less than 10 µm) or PM10 µ/m <sup>3</sup>  | Annual<br>24Hours     | 60<br>100                                    | 60<br>100  |
| 4   | Particulate Matter (Size less than 10 µm) or PM2.5 µ/m <sup>3</sup> | Annual<br>24Hours     | 40<br>60                                     | 40<br>60   |
| 5   | Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>                          | 8Hours<br>1Hour       | 100<br>180                                   | 100<br>180   |
| 6   | Lead (Pb), µg/m <sup>3</sup>  | Annual<br>24Hours     | 0.50<br>1.0                                  | 0.50<br>1.0  |
| 7   | Carbon Monoxide (CO) mg/m <sup>3</sup>                              | 8Hours<br>1Hour       | 02<br>04                                     | 02<br>04   |
| 8   | Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>                       | Annual                | 100<br>400                                   | 100<br>400   |
| 9   | Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup>         | Annual<br>24Hours     | 05   | 05   |
| 10  | Benzo(a) Pyrene (BaP) Particulate Phase only ng/m <sup>3</sup>      | Annual                | 01   | 01   |
| 11  | Arsenic (As), ng/m <sup>3</sup>                                     | Annual                | 06   | 06   |
| 12  | Nikel (Ni), ng/m <sup>3</sup>                                       | Annual                | 20   | 20   |

Note: Serial no. 1 to 4 – Mandatory.  
Serial no. 5 to 12 As applicable for specific type of industry.

AAQ maintained as per norms. Monitoring reports for the period attached

That, the occupier shall maintain quality within the standard and the quantity, as follows:

| S.N. | Parameter | Standard |
|------|-----------|----------|
|------|-----------|----------|

Emission well within the standard limit. Monitoring reports attached

For Jai Prabhuj Iron & Steel Pvt. Ltd.

*Rajendra Singh Chakraborty*  
Director





|    |   |   |
|----|---|---|
| 10 | That, this CTO is valid subjected to the validity of mining lease/Mining Plan/Ecofriendly/ Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.   | Agreed  |
| 11 | That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/unit/occupier. | All applicable statutory obligations are being complied.            |
| 12 | That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding, if any instituted in past or that could be, instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.   | Agreed  |
| 13 | That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution ) Act, 1974, the Water (Prevention & Control of Pollution ) Cess Act, 1977, the Air (Prevention & Control of Pollution ) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.   | All applicable provisions of the Acts and Rules are being complied. |

For Jai Prabhuj Iron & Steel Pvt. Ltd.

*Rajendra Singh Chahm*

Director