

# SANTPURIA ALLOYS PVT. LTD.

Registered Office :

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3 Khelat Babu Lane, Belgachia  
Kolkata, West Bengal, India - 700037

CIN : U27100WB2004PTC237157  
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Ref: SAPL/2026-27/EC/22

Dated:26/06/2026

To

The Additional Chief Conservator of Forest (C),  
Ministry of Environment, Forest & Climate Change,  
Integrated Regional Office,  
2<sup>nd</sup> Floor, Headquarter- Jharkhand State Housing Board, Harmu Chowk,  
Ranchi, Jharkhand - 834002

**Sub: Submission of six-monthly compliance of Environmental Clearance issued vide letter no: EC/SEIAA/2014-15/570/2014/306 Ranchi, dated: 13/12/2018 by state level environment Impact Assessment Authority, Jharkhand.**

Sir,

Following documents are being furnished for your kind and needful perusal.

- Copy of Environmental Clearance
- Compliance of Environmental Clearance
- Copy of Test Report of Stack emission, ambient air, ambient noise & fugitive air
- Copy of ground water analysis report.

Hence, you are requested to kindly find the above and do the needful.

Thanking you

Faithfully yours

For Santpuria Alloys Private Limited

  
Director

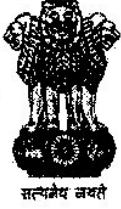
Copy to

1) The Scientist E & Incharge  
Central Pollution Control Board  
Southern conclave, Block 502  
5<sup>th</sup> & 6<sup>th</sup> floor, 1582 Rajdanga Main Road, Kolkata:700107(WB)

2) The Regional Officer,  
Jharkhand State Pollution Control Board  
Dhanbad (Jharkhand)

Corporate Office :

Manjhaladih, P.O:- Gadi Srirampur, Tundi Road, Giridih- 815302 (Jharkhand)  
Phone :- +91 9204066719



**State Level Environment Impact Assessment Authority, Jharkhand.**

Nursery Complex, Near Dhurwa Bus Stand, Dhurwa, Ranchi. Jharkhand-834 004.

E-mail: msseiaa.jhk@gmail.com; website: www.jseiaa.org

Letter No.- EC/SEIAA/2014-15/570/2014/306

Ranchi, Date: - 13/12/2018

To: **Shri Sailendra Baksi,**  
**(General Manager),**  
**M/s Santpuria Alloys (P) Ltd.,**  
**Manjhaladih, Tundi Road,**  
**Dist. - Giridih,**  
**Jharkhand - 815301.**

**Sub.:** Environmental Clearance for the project "Regularisation cum Expansion of M/s Santpuria Alloys (P) Ltd at Khata No. 86, 51, 44, 64, 01, 23, 41, 19, 03, 22 & 10, Plot No. 243, 244, 245, 288, 283, 236, 237, 239, 240, 274, 278, 285, 286, 287, 282 & 17 at Vill.- Manjhaladih, Tehsil - Gadisrirampur, Dist. - Giridih, Jharkhand".

Sir,

It is in reference to the project "Regularisation cum Expansion of M/s Santpuria Alloys (P) Ltd at Khata No. 86, 51, 44, 64, 01, 23, 41, 19, 03, 22 & 10, Plot No. 243, 244, 245, 288, 283, 236, 237, 239, 240, 274, 278, 285, 286, 287, 282 & 17 at Vill.- Manjhaladih, Tehsil - Gadisrirampur, Dist. - Giridih, Jharkhand", submitted by you for seeking prior Environmental Clearances (EC).

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its meeting held on 04<sup>th</sup> & 05<sup>th</sup> December, 2018.

Santpuria Alloys (P) Ltd. (SAPL), located at Khata No. 86, 51, 44, 64, 01, 23, 41, 19, 03, 22 & 10, Plot No. 243, 244, 245, 288, 283, 236, 237, 239, 240, 274, 278, 285, 286, 287, 282 & 17, Manjhaladih, Gadi Srirampur, Giridih, has set up a 96 x 2 TPD Sponge Iron plant. Plant site lies in Lat: 24° 07' 47.0" N Long: 86° 21' 15.0" E. Giridih is about 6 km, Tundi is about 26 km, Govindpur is about 45 km and Dhanbad is about 60 km from the existing plant site. Giridih is the nearest railway station from the existing plant site, which is around 6 km away from it. This is an existing unit in the area of 15.82 acres of land. No additional land requirement. Raw water will be sourced from existing ground water sources within premise. As per estimate, water to the tune of 12 KLD (09 KLD existing) will be required after commissioning of 2<sup>nd</sup> DRI kiln of project. The power requirement for the plant has been made available from DVC is near about 0.5 MVA which will be sourced from DVC. The indicated project cost is Rs 4.6 Crore. The existing 1 x 96 TPD is working while another kiln 1 x 96 TPD is to be commissioned after Environmental Clearance and after obtaining "Consent to operate from Jharkhand State Pollution Control Board. The status of project is as follows:

- (1) With ref. to unit application no. 3680 dated 23/8/2004 No. objection certificate 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 has been issued to the unit by JSPCB vide ref. no. N-435 dated 19-07-2005 for the production of sponge of 96 MT/Day.

Santpuria Alloys Pvt. Ltd.

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Director

- (2) Further with ref. to unit application no.-6467 dated 01/08/2006- No objection certificate under section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (prevention & Control of pollution) Act 1981 has been issued to the unit by JSPCB vide letter no.3170 dated 19-09-2007 for the production of 192 TPD. This includes 96 TPD of existing unit also.
- (3) The unit falls in the category of 3(a) which is for Metallurgical industries (Ferrous and non ferrous). Sponge manufacturing unit of capacity <200 TPD-comes in the category of 'B' as per EIA notification 14<sup>th</sup> September, 2006.after expansion. The proposed capacity of sponge iron is 192 TPD including existing unit. Hence the plant needs environmental clearance from State Level Environment Impact Assessment Authority.
- (4) The unit is having "consent to operate" under section 25 & 26 of the Water (prevention & Control of pollution) Act, 1974 and under section 21 of the Air (prevention and Control of Pollution) Act, 1981 for the period 01-01-2013 to 31-12-2013, period 1-1-2014 to 31-12-2014 and also for the period 1-1-2015 to 31-12-2015 for the production of sponge Iron of 96 TPD.
- (5) From aforesaid statement it is clear- that the unit is having NOC for the production of sponge Iron of capacity 96x2=192TPD but having "consent to operate" for the production of sponge iron of 96 TPD only.
- (6) After obtaining NOC (consent to establish) for 2<sup>nd</sup> unit of 96 TPD i.e. total 192 TPD – unit has established or expanded sponge Iron production capacity of 192 TPD.

DFO, Giridih East vide letter no. 1433, dated - 18.06.18 certified that project site is not within 502 m from notified forest and not within 10 km from National Park, Bio-Diversity & Sanctuary. The CO, Giridih vide memo no. 2623, dated - 10.09.18 has mentioned / certified the plots of the project site is not "Jangle Jhari".

The undertaking was submitted by the PP on 06.11.18 for 10 MW CPP, instead of 4 MW for utilization of waste Dolochar generated from the sponge iron plant through AFBC / CFBC based technology.

Later on the PP has submitted vide his letter dated 17.11.18 requesting to withdraw undertaking dated 06.11.18 for 10 MW.

The committee deliberated the project and finally recommended for the EC as per the ToR issued by SEIAA vide letter no. EC/SEIAA/2014-15/570/2014/901, dated 01.05.2015.

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its meeting held on 10<sup>th</sup> & 11<sup>th</sup> December, 2018 discussed the project proposal along with recommendations made by SEAC and decided to grant EC to the project.

Following the decision of SEIAA, as mentioned above, Environmental Clearance is hereby issued to the "Regularisation cum Expansion of M/s Santpuria Alloys (P) Ltd at Khata No. 86, 51, 44, 64, 01, 23, 41, 19, 03, 22 & 10, Plot No. 243, 244, 245, 288, 283, 236, 237, 239, 240, 274, 278, 285, 286, 287, 282 & 17 at Vill- Manjhaladih, Tehsil - Gadisrirampur, Dist. - Giridih, Jharkhand" alongwith the following conditions as recommended by SEAC.

**I. Specific Conditions :**

- i. This Environmental Clearance is valid subject to the following condition below –

Santpuria Alloys Pvt. Ltd.

  
Director

That this project has-

- a. Obtained all legal rights to operate at concerned place.
- b. Complied with all existing concerned laws of the land and
- c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.

**II. Statutory Compliance :**

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

**III. Air quality monitoring and preservation :**

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)

- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Provide pollution control system in the sponge iron plant as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting / agglomeration.
- x. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation;
- xi. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.

### III. Water quality monitoring and preservation :

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.

Santpuria Alloys Pvt. Ltd.

  
Director

- viii. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

**IV. Noise monitoring and prevention:**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**V. Energy Conservation measures :**

- i. The project proponent shall provide waste heat recovery system on the DRI Kilns.
- ii. The dolochar generated shall be used for power generation.
- iii. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iv. Provide LED lights in their offices and residential areas.

**VI. Waste management :**

- i. Used refractories shall be recycled as far as possible.
- ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iv. Kitchen waste shall be composted or converted to biogas for further use. *(to be decided on case to case basis depending on type and size of plant)*

**VII. Green Belt :**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.

**VIII. Public hearing and Human health issues :**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.

- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

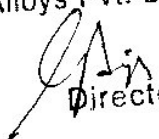
**IX. Corporate Environment Responsibility :**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.
- v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.

**X. Miscellaneous :**

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant

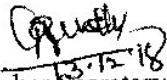
Santpuria Alloys Pvt. Ltd.

  
Director

offices of the Government who in turn has to display the same for 30 days from the date of receipt.

- iii. The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent 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, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).
- xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

- xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- xvii. In view of MoEF & CC O.M. No.- 22-27/2015-IA-III, dated- 12.04.2016 The Environmental Clearance accorded shall be valid for a period of Seven (07) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.

  
13.15.18  
Member Secretary  
State Level Environment Impact  
Assessment Authority, Jharkhand.

Santpuria Alloys Pvt. Ltd.

  
Director

	required for the project.	
vi.	The project proponent shall obtain authorization under the Hazardous and other Waste management Rules, 2016 as amended from time to time.	The unit has obtained the authorisation under the Hazardous and other Waste management Rules, 2016 from Jharkhand State Pollution Control Board, Ranchi vide reference no: JSPCB/HO/RNC/HWM-7455127/2020/53 23/12/2020 and further applied for renewal vide application no: 21843856 submitted on 05/04/2025
iii.	Air quality monitoring and preservation:	
i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 <sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal Power Plants) as amended from time to time and connects to SPCB and CPCB online servers and calibrate these systems from time to time according to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Online continuous stack (emission) monitoring system, with respect to PM & SO2 parameter, with the connectivity of SPCB & CPCB server has already been installed and working regularly. Above system is calibrated through recognised lab time to time.
ii.	The project proponent shall monitor fugitive emission in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Agreed. Monitoring of fugitive emission has been carried out through NABL accredited laboratories. Report attached here with.
iii.	The project proponent shall install system to carryout	Agreed. Continuous Ambient Air quality monitoring system

	<p>within the study area.                  Hence, the unit does not require obtaining clearance from National Board for Wildlife.</p>
<p>iii. The project proponent shall prepare a site-specific Conservation plan &amp; Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the state Forest Department. The implementation report shall be furnished along with the Six-monthly compliance report. (In case of the presence of schedule-I species in the study area)</p>	<p>Species as per the Schedule-I, in the study area, have not been found hence, project does not require preparing a site-specific conservation plan &amp; wildlife Management plan.</p>
<p>iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention &amp; Control of Pollution) Act, 1981 and the water (Prevention &amp; Control of Pollution) Act, 1974 from the concerned State pollution Board / Committee.</p>	<p>The unit has obtained the CTE vide reference no: 3170 dated 19/09/2007 &amp; Consent to operate vide reference no: Ref No. JSPCB/HO/RNC/CTO-24989597/2026/225 Dated: 19/02/2026 valid upto 31/12/2027</p>
<p>v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water</p>	<p>Agreed. Unit has obtained NOC to abstract ground water for industrial use vide reference no: CGWA/NOC/IND/ORIG/2020/9707 from Central Ground Water Authority.</p>

Sl No:	Conditions	Compliances
I	<p><b>Specific Conditions</b></p> <p>i. This Environmental Clearance is valid subject to the following conditions below                      That this project has</p> <ol style="list-style-type: none"> <li>Obtained all legal rights to operate at concerned place.</li> <li>Complied with all existing concerned laws of the land and</li> <li>Complied with the decisions of SEIAA on the issue of Environmental clearance till date</li> </ol>	Agreed and complied
II	<p><b>Statutory Compliance:</b></p> <p>i. The Project proponent shall obtain forest clearance under the provisions of forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.</p> <p>ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.</p>	<p>This unit has own land for which clearance from Divisional Forest Officer, Giridih (East) has been obtained.</p> <p>The study area covers 10 km radius around the centre of project site. As per Clearance issued by forest department and topographic sheet it can be observed that there is no Sanctuaries, National Parks, Tiger Reserve or Biosphere Reserve or Elephant Corridor or other protected areas</p>

Compliance of Environmental Clearance  
Santpuria Alloys Pvt Ltd,  
at Manjhaladih, P.O: Gadisrirampur, Tundi road, Giridih: 815302 (Jharkhand  
(Prepared on 23/06/2026)

# Compliance of Environmental Clearance

(Six monthly)

Issued vide letter no: EC/SEIAA/2014-15/570/2014/306 Ranchi, dated: 13/12/2018 by  
State Level Environment Impact Assessment Authority,

Jharkhand  
Santpuria Alloys Pvt Ltd,

at Manjhaladih, P.O: Gadisrirampur, Tundi Road, Giridih: 815302  
(Jharkhand)

Santpuria Alloys Pvt. Ltd.

  
Director

VI.	Waste management		N .A.
	i. Used refractories shall be recycled as far as possible.		
	ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and bricks manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.		Now, fly ash in our plant is not generated.
	iii. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste ( Management & Tran boundary Movement ) rules, 2016		Agreed.
	iv. Kitchen waste shall be composed or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant)		NA
VII.	Green Belt :		
	i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.		Green belt occupying almost 33% of the plant area has already been developed. Further, we assure that our efforts to maintain and grow the greenbelt will be continued.
	ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.		Agreed to comply. As plant is very small and it was felt that this is not needed. All the possible steps, to reduce the greenhouse gases emission effect, will be initiated. Plan in this regard is being prepared. Green belt is gradually increased to reduce the effect of carbon in the atmosphere.

	vii.	The project proponent shall practice rainwater harvesting to maximum possible extent.	Agreed. Well-designed rainwater harvesting system has already been constructed.
	viii.	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practice fall use and by recycling treated water.	Agreed. Here, water is used for cooling purpose only and make-up water is added in water circulation system. Further, advance and possible steps to minimise the water consumption must be taken.
IV.		Noise monitoring and prevention:	
	i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Agreed. Test report is attached herewith.
	ii.	The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986 viz. 75 dB (A) during day time and 70 dB during night time.	Agreed. Ambient noise level report confirm to standards prescribed under E (P) rules, 1986 viz 75dB (A) during day time and 70 dB during night time is being maintained.
V.		Energy Conservation measures:	
	i.	The Project proponent shall provide waste heat recovery system on the DRI Kilns.	Agreed. Works for Installation of WHRB in rotary kiln will be started soon.
	ii.	The dolochar generated shall be used for power generation.	Agreed. Dolochar generated in sponge iron unit is being sold to power plant where it will be utilised in power generation.
	iii.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Agreed. For providing Solar power generation on roof tops necessary installation has been done.
	iv.	Provide LED lights in their offices and residential areas.	Agreed. LED lights, offices & residential area, have already been provided.

	<p>servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)</p>	
	<p>ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.</p>	<p>Ground Water quality test is performed. (Pre-monsoon &amp; Post monsoon). Piezometers, as per guideline of CGWA, has been installed in the borewell.</p>
	<p>iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF &amp; CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.</p>	<p>Agreed.                  Water is used for cooling purpose and no effluent is generated. Only make-up water is added in water circulation system. Manual Monitoring of Ground water quality is carried out by NABL accredited lab and its report is attached herewith.</p>
	<p>iv. Adhere to 'Zero Liquid Discharge'.</p>	<p>Agreed.</p>
	<p>v. Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.</p>	<p>N A.                  Very small quantity of domestic and sanitary waste water is generated which is being disposed to septic tank-soak pit combination.</p>
	<p>vi. Garland drains and collected pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run-off.</p>	<p>Agreed. Garland and collected pits have already been constructed.</p>

	for better maintenance of bags.	further it will be advanced.
	vii. Provide pollution control system in the sponge iron plant as per the CREP Guidelines of CPCB.	Guideline as per CREP has been provided and it will be advanced gradually.
	viii. Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Agreed. Now, cleaning of plant roads and other area of plant is maintained manually. Further mobile or vacuum cleaner system shall be implemented.
	ix. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting / agglomeration.	Iron ore fines are sold out to Iron Ore Pellet unit. Coal fines are used in briquette unit.
	x. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	Agreed. Transportation and conveying the raw material is done under covered system.
	xi. Wind shelter fence and chemical spraying shall be provided on the raw materials stock piles.	Raw materials are stacked under the permanent shed which is fully fenced to prevent from wind.
III.	Water quality monitoring and preservation: i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414(E) dated 30 <sup>th</sup> May 2008: S.O.3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online	Our Unit is small unit where water is used for cooling purpose and no effluent is generated. Only make-up water is added in water circulation system.

<p>Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each ), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)</p>	<p>wrt to parameter PM10 has been installed and working regularly.                  Addition of above Ambient Air Quality is monitored manually six-monthly basis.                  AAQR attached.</p>
<p>iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of the air quality/fugitive emission to Regional Office of MoEF &amp; CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.</p>	<p>Agreed. On line Continuous Stack Emission Monitoring System wrt parameter SO<sub>2</sub> &amp; PM with the connectivity of SPCB &amp; CPCB server has already been installed.                  AAQR is carried out six monthly and above Monitoring reports are attached herewith for your kind perusal.                  Monitoring report for Fugitive emission of ambient air is attached herewith.</p>
<p>v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points includes fugitive dust from all vulnerable sources.</p>	<p>Appropriate air pollution control devices have already been provided at all dust prone and vulnerable sources in the factory premises. Adequate numbers of Bag filters and ESP with the stack of rotary kiln have already been installed. Addition of above, 45 numbers of fix water sprinklers have already been installed and functioning regularly.</p>
<p>vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities</p>	<p>All the appropriate facility for leakage detection and mechanised cleaning of bags has been provided and</p>

VIII.	Public hearing and Human health issues:	<p>i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.</p> <p>ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.</p> <p>iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</p> <p>iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</p>	<p>Agreed. Emergency plan as per factories act 1947, Jharkhand factories Rules, 2001, Control of Industrial Major Accidents Hazardous Rules 1990, Hazardous Wastes (Management and Handling) Rules 1980 &amp; Environment (Protection) Act 1986, has been prepared.</p> <p>Agreed.                  All the workmen have already been provided personal protection equipment (PPE) viz safety boots, safety goggles, safety helmets and apron etc as per the Factory Act.</p> <p>Project already been completed and it is under operation.</p>
IX.	Corporate Environment Responsibility:	<p>i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.</p>	<p>Occupational health surveillance of the workers is being carried out in regular basis as per the factory acts. Records for the same are maintained. Chest Xray, Eye Testing and other required health check-up, in regular basis, is carried out.</p> <p>Agreed. Works, contained in CER as per the Ministry's OM vide F.No: 22-65/2017-IA.III dated 1<sup>st</sup> May, 2018, is being</p>

  
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	<p>No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.</p>	<p>carried out viz health check -up, education.</p>
<p>ii. The company shall have a well laid down environment policy duly approved by the Board of Directors. The environment policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and or/ shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF &amp; CC as a part of six-monthly report.</p>	<p>Agreed.  <b>CORPORATE ENVIRONMENTAL POLICY</b>   <b>SAPL IS COMMITTED TO:</b>                  Protect Environment and continually improve environmental performance by implementing Environmental Management System involving all employee                  Comply with all applicable environmental legislation, Regulations, Special &amp; General Conditions laid down by the Statutory bodies time to time                  Prevent, Reduce and control Air pollution                  Strive to Reduce, Reuse and Recycle the wastes                  Develop thick green belt in and around the Plant</p>	
	<p>iii. A separate Environment Cell both at the project and company head quarter level, with qualified</p>	<p>Agreed.</p>

	personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	
	iv. Action plan for implementation EMP and environment conditions along with responsibility matrix of the company shall be prepared and shall be approved by competent authority. The year wise funds earmarked for environment protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.	Agreed.
	v. Self-environment audit shall be conducted annually. Every three years third party environment audit shall be carried out.	Agreed.
	vi. All the recommendation made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.	NA
X.	Miscellaneous : i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular	Published on 30/12/2018 in 1) Prabhat Khabar, Dhanbad publication & 2) Dainik Bhaaskar, Dhanbad publication. Website has already been prepared i.e. www.santpuriaalloys.com EC with its conditions has already been uploaded in unit's website.

	language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	
ii.	The copies of the environmental clearance shall be submitted by the project proponent to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Copy of EC has been provided to the District Industries Centre, Giridih & Local Body of Giridih.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Status of compliance condition EC has been uploaded in company's website. Company's website: <a href="http://www.santpuriaalloys.com">www.santpuriaalloys.com</a> Monitored data has been uploaded.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Monitored data has been displayed at main gate for disclosure to the public and uploaded in company's website.
v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Agreed.
vi.	The project proponent shall submit the	Agreed. Environment statement for unit is being submitted

	environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	in the JSPCB within the stipulated time.
vii.	The project proponent 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, commencing the land development work and start of production operation by the project.	Agreed.
viii.	The project authorities must strictly adhere to the stipulations made by the state pollution Control Board and the State Government.	Agreed.
ix.	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agreed.
x.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).	Agreed.
xi.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection)	Agreed.

	Act, 1986.	
xii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed.
xiv.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information /monitoring reports.	Agreed.
xv.	The above conditions shall be enforced, inter-alia under the provisions of the water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement ) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / high Courts and any other Court of Law relating to the subject matter.	Agreed.
xvi.	Any appeal against this EC shall lie with the	Agreed.

	National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	
xvii.	In view of MoEF & CC O.M No.- 22-27/2015-IA-III, dated- 12.04.2016 The Environmental Clearance Accorded shall be valid for a period of Seven (07) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.	Agreed.

For Santpuria Alloys Pvt Ltd  
 Santpuria Alloys Pvt. Ltd.

Director





## JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004  
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-24989597/2026/225

Dated : 2026-02-19

**Consent to operate (CTO) 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**

1. Application (s) dated 2026-01-21 of SANTPURIA ALLOYS PVT. LIMITED, Occupier Name :SRI GUNWANT SINGH MONGLA for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..

2. **Documents Relied Upon:**

(a) The content of Environmental Clearance (EC), vide Ref. No. EC/SEIAA/2014-15/570/2014/306 dated 13.12.2018.

(b) The content of Consent to Establish (CTE),

(i) vide Ref No 3170 dated. 19.09.2007, JSPCB, Ranchi.

(ii) vide ref. no. JSPCB/HO/RNC/CTE-6500382/2021/233, dated 25.09.2021 for the production of Sponge Iron-2X96 TPD (Existing); CPP (AFBC Boiler)- 1X4 MW -4 MW.

(d) The content of Consent to Operate (CTO),

(i) vide Ref No. JSPCB/HO/RNC/CTO-17280619/2023/2162, dated 31.12.2023, JSPCB, Ranchi for the production of Sponge Iron - 2 x 96 TPD for the period upto 31.12.2025;

(ii) vide Ref. No. JSPCB/HO/RNC/CTO-23844718/2026/146, dated 21.01.2026 for the production of Sponge Iron - 186.48 TPD [as per certificate of MSME] valid for the period upto 31.12.2026.

(e) The content of self certificate/undertaking regarding procurement of raw material from the valid source.

(f) The content of affidavit regarding "No Expansion/modernization" made in the plant without obtaining prior consent from the Board.

(g) The content of authorization under HoWM Rules' 2016 vide ref. no. JSPCB/HO/RNC/HWM7455127/2020/53, dated 23.12.2020 valid for the period upto 30.04.2025.

(h) The content of authorization under HoWM Rules, 2016 vide ref. no. JSPCB/HO/RNC/HWM7455127/2020/53, dated 23.12.2020.

(i) The content of affidavit regarding "No Expansion".

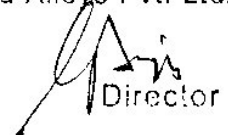
(j) The content of NOC from CGWA valid for the period upto 18.12.2026.

(k) The content of certificate of MSME vide ref. no. 540, dated 26.09.2025.

(l) The content of Bank Guarantee vide BG No.-0644926BG0Y00001. Amount of Guarantee Rs 35 lacs cover from 05/01/2026 to 30/06/2028.

(m) The content of Inspection Report (IR), vide ref. no. 1448, dated 20.12.2025 issued by Regional Officer, Regional Office, JSPCB, Dhanbad.

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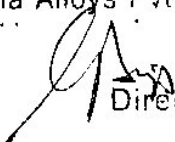
3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -MANJHALADIH , P S -GIRIDIH , District -GIRIDIH , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To
Before Expansion	As per EC and previous CTO	15.82 Acres	1685.00 Lacs	Sponge Iron - 186.48 TPD [as per certificate of MSME]	31/12/2027

**(A) Specific Conditions:**

1. That, the occupier shall construct garland drain, toe wall and settling tanks for storage of solid wastes and raw materials separately and de-siltation of settling tanks shall be done regularly.
2. That, the safety cap/emergency stack of rotary kiln type plant, which is generally installed above the afterburner chamber (ABC) of feed end column should not be used for discharging untreated emission, bypassing the air pollution control device.
3. That, the occupier shall maintain the shed used for keeping Iron Ore and ensure Crushing and screening operation in shaded enclosed area.
4. That, the occupier shall install mechanically operated fitted water mixing (spiral pug mill) system for timely collection and removal of the flue dust generated in ESP or at any other pollution control devices for control of fugitive emission at the dust collection system.
5. That, the occupier shall operate and maintain the bag filters attached with iron ore crushing section and submit the photographs of the same taken from two different angles.
6. That, the occupier shall provide separate electricity meter and totaliser for continuous recording of power consumption with all APCD. A logbook shall be maintained for recording of daily meterage of electricity meter connected to all APCDs. The amperage of the ID fan shall also be recorded continuously. Non functioning of APCD shall be recorded in the same logbook along with reasons for non-operation of the Pollution Control Equipment.
7. That, the occupier shall make water sprinkling arrangement in areas around crushing and screening units, raw material heaps at unloading points, heavy vehicle movement areas, roads and waste dump sites etc.

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fe mesh or soil coating. Different types of solid wastes generated shall be stored separately as per the guidelines of CPCB to avoid adverse effect on air quality and water region.

9. That, the occupier shall install and operate the on-line emission monitoring system uninterruptedly.

10. That, the occupier shall construct the approach road and roads within premises of the plant and work areas asphalted or concreted.

11. That, the occupier shall maintain logbook for daily record of Char production and its usage. The record shall be made available to officials of JSPCB during inspection of the plant.

12. That, the occupier shall construct, maintain and utilize garland drain, toe wall and settling tanks for storage of solid wastes and raw materials separately and de-siltation of settling tanks shall be done regularly.

13. That, the occupier shall use its conveyor belt for transporting the materials and also ensure that the conveyor belt shall be fully covered all along its way and in the transfer points of conveyor belt, there shall be suction system which should be connected to dc-dusting equipment.

14. That, the occupier shall make extensive three tier plantation all along the roads and boundary wall of the industry.

15. That, the occupier shall, use the fly ash generated from AFBC boiler as per notification released by MoEF & CC, New Delhi "Fly Ash Notification" dated 14th September, 1999 and as amended on 25th, January, 2016.

16. That, the occupier shall install Closed Circuit Television (CCTV) camera for monitoring of operational status of APCDs for observations of the same.

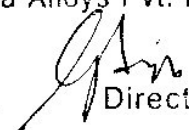
17. That, the occupier shall operate the dust extraction system of such potential sources, routed through Air Pollution Control Device (APCD) and operate and maintain the monitoring facilities at stacks attached to APCDs as per CPCB Emission Regulation, Part-III.

18. That, the occupier shall maintain proper housekeeping within the premises.

19. That, the safety cap/emergency stack of rotary kiln type plant, which is generally installed above the afterburner chamber (ABC) of feed end column should not be used for discharging untreated emission, by passing the air pollution control device.

20. That, the occupier shall provide software controlled interlocking facility keeping in view of online emission and effluent monitoring system to ensure stoppage of feed conveyor, so that the feed to the kiln

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That, the occupier keep the height of all stacks attached with air pollution control devices (APCD) up to 30 metre and submit the photographs taken from two different angles against the compliance of the same.

22. That, the occupier shall comply fugitive emission standards of 2000 mg/Nm<sup>3</sup> at a distance of 10 metre from raw material crusher and product handling areas etc.

23. That, the occupier shall make arrangement for operation of the plant in such a way that all pollution control devices shall start before start of conveyor belt/plant operation and similarly all pollution control devices shall be put off only after stopping the operation of the plant.

24. That, the occupier shall maintain zero trade effluent discharge and install a web cam at each outlets of the drain.

25. That, the occupier shall provide the shed for keeping Iron Ore properly and ensure Crushing and screening operation in shaded enclosed area

26. That, the occupier shall operate the pant with valid authorization under HoWM Rules, 2016 and dispose the hazardous waste as per HoWM Rules, 2016.

27. That, the occupier shall submit compliance of this CTO conditions every year before 120 days of the expiry date of this CTO alongwith the recent analysis reports successively

28. That, the occupier shall submit applications for renewal of 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 with requisite fee and documents showing compliance of all of the above conditions.

29. That, the occupier shall install AFBC/WHRB boiler within the consent period failing which BG may be revoked and CTO for further period may not be considered.

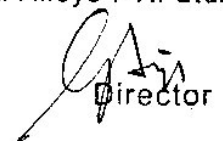
30. That, this CTO superscdes the CTO granted earlier vide ref. no. . JSPCB/HO/RNC/CTO-23844718/2026/146, dated 21.01.2026.

31. This consent is issued with the approval of the competent authority as per board's office order no B-43 dated 11/07/2023

**(B) General Conditions :**

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

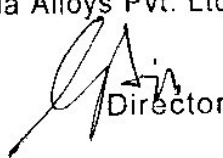
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S N	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM <sub>10</sub> , µg/m <sup>3</sup>	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM <sub>2.5</sub> , µg/m <sup>3</sup>	Annual 24 hours	40 60	40 60
5.	Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) µg/m <sup>3</sup>	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m <sup>3</sup>	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH <sub>3</sub> ) µg/m <sup>3</sup>	Annual 24 hours	100 400	100 400
9.	Benzene (C <sub>6</sub> H <sub>6</sub> ) µg/m <sup>3</sup>	Annual	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.	Nickel (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.

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- (2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
1	Particulate Matter	150 mg/Nm <sup>3</sup>

- (3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:


S N	Parameter	Standard
1	Total Suspended Solids	100 mg/L
2	BOD	30 mg/L
3	Oil & Grease	10 mg/L
4	COD	250 mg/L

- (4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

- (5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.
- (6) That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.
- (7) That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
- (8) That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.
- (9) That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.

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- (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.
- (11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed 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.
- (12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the 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.
- (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.
4. That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.
5. That, this CTO is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.
6. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.
7. The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.

This is issued with the approval of the Competent authority

Amit  
Kumar

Digitally signed by  
Amit Kumar  
Date: 2026.02.19  
11:54:38 +05'30'

[Amit Kumar]

Divisional Head, Dhanbad

Dated : 2026-02-19

Memo No. : JSPCB/HO/RNC/CTO-  
24989597/2026/225

Copy to: M/s Santpuriya Alloys Pvt. Limited, At- Manjhiladih, PO- Gadisirampur, Distt- Giridih, PIN:815302, Jharkhand/ Chief Inspector of Factories, Ranchi/ Director of Industry, Government of Jharkhand, Ranchi/ Director of Mines, Government of Jharkhand, Ranchi/ Deputy Commissioner, Giridih/ DFO, Giridih/ DMO, Giridih/ R O, JSPCB, Dhanbad for information & ensuring compliance of the above.

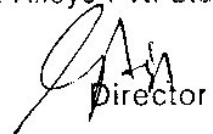
[Amit Kumar]

Divisional Head, Dhanbad

Amit  
Kumar

Digitally signed  
by Amit Kumar  
Date: 2026.02.19  
11:47:11 +05'30'

Santpuriya Alloys Pvt. Ltd.

  
Director



# GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

NAAB ACCREDITED (ISO 9001 & OHSAS 18001 CERTIFIED), JSPCB RECOGNISED



Certificate No.-TC-11067

## TEST REPORT

ULR (Unique Lab Report) No.	TC 1 1 0 6 7 2 5 0 0 0 0 0 0 5 3 6 F		
Sample Description	Stack Emission	Sampling Date	05-09-2025
Job Registration ID	G/JRN/250906/STACK-01	Sample Collect by	Suraj & Team
Test Report No.	G/TRN/250909-01	Sample Receiving Date	06-09-2025
Work Order No.	JSPCB-23584649	Test Starting Date	06-09-2025
Report Issue Date	09-09-2025	Test Completion Date	08-09-2025
Customer Name, Contact Details & Address		Condition of Test Item	Packed in Thimble Holder
M/s Santpuria Alloys Pvt. Limited At: Manjhaladih, P.O: Gadisrirampur, District: Giridih, Pin: 815301, State: Jharkhand		Sampling Plan Ref. No	G/JSPCB/WO/24-25-03
		<b>METROLOGICAL INFORMATION</b>	
Sampling Method	IS 11255 Part (1,2,3 & 7)	Weather Condition	Clear
Type of Industry	Sponge Iron Plant	Barometric Pressure	740.5
Company Status	Operating	Wind Direction	(South- East)
		Relative Humidity	56

### General Information (As Per Reported by Customer)

Sampling Location	Port Hole	Type of fuel Used	Coal
Platform	Permanent	Quantity of fuel Used	200 MT/ Day
Stack Description (Shape & Material)	Circular/ Metal	Total Production Capacity	96 TPD x 2
Sampling Port	Available	Height of Stack from GL (m)	40.0
Stack Identification	STACK-01	Inner Diameter of Stack (m)	2.0
Height of Port hole from Ground level (m)	25.0	Pollution Control Device	ESP
Total No. of Oven (if any)	1	Running Oven during Sampling	1

Stack Gas Velocity	IS 11255 (Part 3) 2008	m/s	10.63
Volumetric Flow Rate	IS 11255 (Part 3) 2008	Nm <sup>3</sup> /hr	87676.61

### Results

Parameter	Identification Of Test Method	Units	Results
Stack Gas Temperature	IS 11255 (Part 3) 2008	°C	125.4
Particulate Matter (PM)	IS 11255 (Part 1)1985:2019	mg/Nm <sup>3</sup>	59.87
Sulphure Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2)1985:2019 (Thorin Method)	mg/Nm <sup>3</sup>	41.57
Oxide of Nitrogen (NO <sub>x</sub> )	IS 11255 (Part 7) 2005 RA 2012 (Phenol disulphonic Acid)	mg/Nm <sup>3</sup>	25.83

### Emission Rate

Particulate Matter (PM)	IS 11255 (Part 1)1985:2019	Kg/hr	5.25
Sulphure Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2)1985:2019	Kg/hr	3.65
Oxide of Nitrogen ( NO <sub>x</sub> )	IS 11255 (Part 7) 2005 RA 2012	Kg/hr	2.26

Remarks: Dust Concentration, found within the Prescribed Limit 150 mg/Nm<sup>3</sup> of CPCB.

- 1) A statement to the effect that the results relate only to the items tested, calibrated or sampled.
- 2) Addition to, deviation, or exclusion from the method is not practiced if not mentioned.
- 3) Result from external providers are not used if not specified.
- 4) Sample will be disposed after 90 days from the issue date of the reports.

*Chameli Soren*  
9/9/2025  
Chameli Soren  
(Analyst)



*Kumari Soni Mehta*  
9/09/2025  
Kumari Soni Mehta  
Authorized Signatory  
Authorized Signatory  
Gems Project Pvt. Ltd.  
(Environmental Laboratory Division)

Regional Office: 1796/2 Lalpat Nagar, Near Lalpat Lalpat Laboratory, Adampur, Dist. Patna, Bihar, India-801001  
Bansdohri, Pundag, Araria, Ranchi, Jharkhand-834004 Contact: 91-9434673176, 91-9434673176

Santpuria Alloys Pvt. Ltd.

*Director*  
Director



# GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

NABL ACCREDITED (ISO9001) & OHSAS 18001 CERTIFIED (JSPCB RECOGNISED)



Certificate No.-TC-11067

## TEST REPORT

ULR Number	TC	1	1	0	6	7	2	5	0	0	0	0	0	0	5	3	4	F									
Sample Description	Ambient Air Quality								Sampling Details																		
Job Registration ID	G/JRN/250906/AR-01								Sampling Date	04 <sup>th</sup> -05 <sup>th</sup> Sept 2025																	
Test Report No.	G/TRN/250909-01								Sample Collected by	Suraj & Team																	
Work Order No.	JSPCB-23584649								Sample Receiving Date	06-09-2025																	
Report Release Date	09-09-2025								Test Starting Date	06-09-2025																	
Customer Details & Address M/s Santpuria Alloys Pvt. Limited At: Manjhaladih, P.O: Gadisrirampur, District: Giridih, Pin: 815301, State: Jharkhand								Test Completion Date	08-09-2025																		
								Sampling Protocol	IS 5182 (Part-23,24,2,6)																		
								Meteorological Information																			
								Weather Condition	Clear																		
Type of Industries								Sponge Iron Plant	Average Temperature (°C)	32																	
								Company Status	Operating								Relative Humidity (%)	56									

Sampling Location	(A)- Near Main Gate	(B)- Near Office	(C)- Near Transformer
Latitude	24° 7'50.10"N	24° 7'52.51"N	24° 7'46.64"N
Longitude	86°21'12.10"E	86°20'59.88"E	86°21'5.47"E
Sampling Time	10:10 Am - 10:10 Am	10:20 Am - 10:20 Am	10:30 Am - 10:30 Am

Parameters	Units	Sampling Location			Permissible Limit (as per NAAQ-2009)
		Site A	Site B	Site C	
Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	92.55	85.52	89.62	100
Test Method - IS 5182 (Part 23):2006 RA -2022					
Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	54.24	48.34	53.23	60
Test Method - IS 5182 (Part 24):2019					
Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	34.22	28.87	33.03	80
Test Method - IS 5182 (Part 2/Sec 1): 2023					
Oxides of Nitrogen (as NO <sub>2</sub> )	µg/m <sup>3</sup>	38.94	34.00	37.84	80
Test Method - IS 5182 (Part 6): 2006 RA-2017					

- Remarks
- 1) Test values are found within the prescribed limit of National Ambient Air Quality(NAAQ 2009).
  - 2) Results relate only to the items sampled and tested.
  - 3) The report shall not be reproduced except in full without the written approval from the CEO of the laboratory.
  - 4) Sample will be disposed after 30 days from the issue date of the report.
  5. Any dispute is subject to Ranchi Jurisdiction.

*Chameli Soren*  
09/09/2025  
**Chameli Soren**  
Tested By (Analyst)



*Kumari Soni Mehta*  
09/09/2025  
**Kumari Soni Mehta**  
Authorized Signatory  
Authorized Signatory  
Page 1 of 1  
Gems Projects Pvt. Ltd.  
(Environmental Laboratory Division)

*Director*  
**Director**



# GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

NABL ACCREDITED | ISO 9001 & ISO 14001 CERTIFIED | JSPCB RECOGNISED



Certificate No. - TC-11067

## TEST REPORT

U.I.R Number	TC	1	1	0	6	7	2	5	0	0	0	0	0	0	5	3	5	F									
Sample Description	Noise Level Monitoring								Sampling Details																		
Job Registration ID	G/JRN/250906/NOISE-01								Sampling Date				04 <sup>th</sup> -05 <sup>th</sup> Sept 2025														
Test Report No.	G/TRN/250909-01								Sample Collected by				Suraj & Team														
Work Order No.	JSPCB-23584649								Sample Receiving Date				06-06-2025														
Report Release Date	09-09-2025								Test Starting Date				06-06-2025														
Customer Details & Address M/s Santpuria Alloys Pvt. Limited At: Manjhaladih, P.O: Gadisrirampur, District: Giridih, Pin: 815301, State: Jharkhand								Test Completion Date				06-06-2025															
								Sampling Protocol				IS 9989:1981 RA- 2020															
								Meteorological Information																			
								Weather Condition				Clear															
Type of Industries								Sponge Iron Plant				Average Temperature (°C)				32											
								Company Status								Operating				Relative Humidity (%)				56			
								Barometric Pressure				748.2 mm Hg															
Wind Direction				(South-East)																							

## TEST RESULTS

Sampling Time	Sampling Location	Parameters	Units	Day Time	Night Time
10:15 Am to 10:15 Am	(A)- Near Main Gate	Leq	dB (A)	73.4	69.6
Latitude	24° 7' 50.10" N				
Longitude	86° 21' 12.10" E				
10:25 Am to 10:25 Am	(B)- Near Office	Leq	dB (A)	64.2	59.9
Latitude	24° 7' 52.51" N				
Longitude	86° 20' 59.88" E				
10:35 Am to 10:35 Am	(C)- Near Transformer	Leq	dB (A)	70.8	66.7
Latitude	24° 7' 46.64" N				
Longitude	86° 21' 5.47" E				

### Remarks

- All values are observed within the prescribed limit
- Leq = Level Equivalent
- Day Time - From 6:00 Am to 10:00Pm, Night Time - From 10:00 PM to 6:00 Am
- The Noise Pollution (Regulation and Control) Rules, 2000
 

Area/Zone	Day Time/Night Time
Industrial Area	75/70. Limits in dB(A)
- The report shall not be reproduced except in full without the written approval from the CEO of the laboratory.
- Sample will be disposed after 30 days from the issue date of the reports.
- Any dispute is subject to Ranchi Jurisdiction Only

*Chameli Soren*  
 Chameli Soren  
 Tested By (Analyst)



\*\*\*\*\* End of Report \*\*\*\*\*

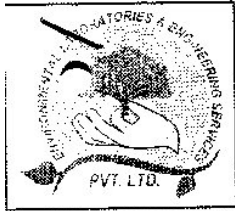
*Kumari Soni Mehta*  
 Kumari Soni Mehta  
 Authorized Signatory  
 Authorized Signatory  
 GEMS Project Pvt. Ltd.  
 (Environmental Laboratory Division)

Registered Office: 17367 Rajpat Nagar, Near Lala Rajpat Lal Bahadur Aditya, Vail Katarpa, Piska Nagar, Jharkhand 835315

V. Subot, Pandey, Angara, Ranchi, Jharkhand 834004 Contact: +91-9568707378, +91-7663208910

Santpuria Alloys Pvt. Ltd.

*San*  
 Director



# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA  
HATIA, RANCHI-834003 (JHARKHAND)  
GST NO:- 20AAECE97130124

ENGINEERING SERVICES PVT. LTD.

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Phone no.: 0651-2290103

Website : [www.elespl.co.in](http://www.elespl.co.in)



TC-13587

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2026/05668	Report Release Date : 24.06.2026
ULR No. : TC1358726000005552F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Santpuria Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2026/AA/06516
Address	: Manjhaladih, P.O.- Gadi Srirampur, Tundi Road, Giridih- 815302 Jharkhand.	Location	: Near Main Gate
Plant Status	: Operational	Sampling Date	: 18.06.2026 to 19.06.2026
Period of Analysis	: 22.06.2026 to 24.06.2026	Sample Received Date	: 22.06.2026
		Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 38	2	Barometric Pressure (mmHg)	: 741
3	Relative Humidity (%)	: 57	4	Weather Condition	: Clear

Discipline : Chemical		Group : Atmospheric Pollution		Regulatory Limit
Parameter	Unit	Test Protocol	Result	As per NAAQS- 2009 (CPCB Notification).
Particulate Matter (PM10)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 23): 2022	81	100 (24hrs)
Particulate Matter (PM2.5)	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 24): 2024	40	60 (24hrs)
Sulphur Di-Oxide (SO <sub>2</sub> )	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 2/Sec1): 2023	13.3	80 (24hrs)
Nitrogen Di-Oxide (NO <sub>2</sub> )	$\mu\text{g}/\text{m}^3$	IS 5182 (Part- 6): 2022	31.8	80 (24hrs)

Reviewed by  
**Akash Kumar**  
Quality Manager

\*\*\*\*End of Report\*\*\*\*

Authorised Signatory  
**Dr. Deependra Kumar Sinha**  
Ph. D. Environmental Engg.  
Technical Manager

Page 1 of 1

The Document stated as Test Report, is issued by the Laboratory under General Terms and Conditions, only on Company letter head in pre-approved format. The results shown in the Test Report refer or relates only to the job/analysis done by the Laboratory only. The information stated on the Test Report reflects the findings done by the Laboratory at the time of involvement only and within the limits of client's instructions. The Laboratory is responsible for all the information or data provided on the report, except the information which is provided by the client. The Report cannot be reproduced except in full and any part of the report is not taken out of context, without prior written approval of the Laboratory. The Report in full or in part shall not be published, advertise, used for any legal actions unless prior permission has been secured from the Management of the Laboratory. Attention is drawn to the limitation of liability, compensation and jurisdiction issues. Any unauthorized alteration & falsification of the content or appearance of the Test Report is unlawful and offenders may be prosecuted to the fullest extent of the law. All the samples are retained for 30days from the Date of release/issue of the Test Report. The samples from Regulatory bodies are to be retained as specified. Any type of Observations or Complaints regarding the Reports shall be done within 15days from the Date of Test Report released/issued. After the time period stated before, no complaints will be accepted. The entire Time schedule

Santpuria Alloys Pvt. Ltd.

Director



# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA  
HATIA, RANCHI-834003 (JHARKHAND)  
GST NO:- 20AAECE9713D1Z4

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Phone no.: 0651-2290103  
Website : [www.elespl.co.in](http://www.elespl.co.in)



CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2026/05669	Report Release Date : 24.06.2026
ULR No. : TC1358726000005553F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Santpuria Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2026/AA/06517
Address	: Manjhaladih, P.O.- Gadi Srirampur, Tundi Road, Giridih- 815302 Jharkhand.	Location	: Near Control Room
Plant Status	: Operational	Sampling Date	: 18.06.2026 to 19.06.2026
Period of Analysis	: 22.06.2026 to 24.06.2026	Sample Received Date	: 22.06.2026
		Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 38	2	Barometric Pressure (mmHg)	: 741
3	Relative Humidity (%)	: 57	4	Weather Condition	: Clear

Discipline : Chemical		Group : Atmospheric Pollution		Regulatory Limit
Parameter	Unit	Test Protocol	Result	As per NAAQS- 2009 (CPCB Notification).
Particulate Matter (PM10)	µg/m <sup>3</sup>	IS 5182 (Part- 23): 2022	68	100 (24hrs)
Particulate Matter (PM2.5)	µg/m <sup>3</sup>	IS 5182 (Part- 24): 2024	37	60 (24hrs)
Sulphur Di-Oxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part- 2/Sec1): 2023	10.8	80 (24hrs)
Nitrogen Di-Oxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part- 6): 2022	22.3	80 (24hrs)

Reviewed by  
**Akash Kumar**  
Quality Manager

\*\*\*\*End of Report\*\*\*\*

Authorised Signatory  
**Dr. Deependra Kumar Sinha**  
Ph. D. Environmental Engg.  
Technical Manager

Page 1 of 1

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Santpuria Alloys Pvt. Ltd.

Director



# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA  
HATIA, RANCHI-834003 (JHARKHAND)  
GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

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Phone no.: 0651-2290103  
Website : [www.elespl.co.in](http://www.elespl.co.in)



CIN: U74999JH2018PTC011125

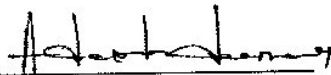
## TEST REPORT

Test Report No. : ELES/RNC/2026/05670	Report Release Date : 24.06.2026
ULR No. : TC1358726000005554F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Santpuria Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2026/AA/06518
Address	: Manjhaladih, P.O.- Gadi Srirampur, Tundi Road, Giridih- 815302 Jharkhand.	Location	: Near Weigh Bridge
		Sampling Date	: 18.06.2026 to 19.06.2026
Plant Status	: Operational	Sample Received Date	: 22.06.2026
Period of Analysis	: 22.06.2026 to 24.06.2026	Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 38	2	Barometric Pressure (mmHg)	: 741
3	Relative Humidity (%)	: 57	4	Weather Condition	: Clear

Discipline : Chemical		Group : Atmospheric Pollution		Regulatory Limit
Parameter	Unit	Test Protocol	Result	As per NAAQS- 2009 (CPCB Notification).
Particulate Matter (PM10)	µg/m <sup>3</sup>	IS 5182 (Part- 23): 2022	89	100 (24hrs)
Particulate Matter (PM2.5)	µg/m <sup>3</sup>	IS 5182 (Part- 24): 2024	48	60 (24hrs)
Sulphur Di-Oxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part- 2/Sec1): 2023	16.3	80 (24hrs)
Nitrogen Di-Oxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part- 6): 2022	29.1	80 (24hrs)



Reviewed by

Akash Kumar  
Quality Manager

\*\*\*\*End of Report\*\*\*\*




Authorised Signatory

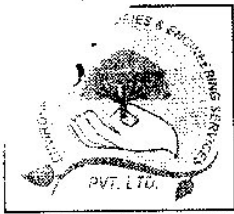
Dr. Deependra Kumar Sinha  
Ph. D. Environmental Engg.  
Technical Manager

Page 1 of 1

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Santpuria Alloys Pvt. Ltd.

  
Director



# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA  
HATIA, RANCHI-834003 (JHARKHAND)  
GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

Email: [info@elespl.co.in](mailto:info@elespl.co.in), [eles.ranchi@gmail.com](mailto:eles.ranchi@gmail.com)

Phone no.: 0651-2290103

Website : [www.elespl.co.in](http://www.elespl.co.in)



TC-13587

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2026/05671	Report Release Date : 24.06.2026
ULR No. : TC1358726000005555F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Santpuria Alloys Pvt. Ltd.	Sampling Date	: 18.06.2026 to 19.06.2026
Address	: Manjhaladih, P.O.- Gadi Srirampur, Tundi Road, Giridih- 815302 Jharkhand.	Sampling Received Date	: 22.06.2026
		Type of Sample	: Ambient Noise
Plant Status	: Operational	Sampling procedure	: ELES/DOC/SMPL/03
		Sampling Done By	: ELES Pvt. Ltd.
		Period of Analysis	: 22.06.2026 to 24.06.2026

METEOROLOGICAL INFORMATION				
1	Average Temperature (°C)	: 38	2 Barometric Pressure (mmHg)	: 741
3	Relative Humidity (%)	: 57	4 Weather Condition	: Clear

Discipline : Chemical		Group : Atmospheric Pollution				Regulatory Limit (Industrial Zone)	
Location	Unit	Test Protocol	Result			Noise Pollution (Regulation & Control) Rule, 2000.	
			Time	L <sub>Max</sub>	L <sub>Min</sub>		L <sub>Eq</sub>
Near Main Gate	dB(A)	IS 9989: 2023	Day Time	72.2	57.9	64	75 dB(A) Day Time & 70 dB(A) Night Time
Sample ID: ELES/RNC/2026/AN/06519			Night Time	69.1	48.8	56	
Near Control Room			dB(A)	IS 9989: 2023	Day Time	67.9	
Sample ID: ELES/RNC/2026/AN/06520	Night Time	63.8			45.2	48	
Near Weigh Bridge	dB(A)	IS 9989: 2023			Day Time	78.3	
Sample ID: ELES/RNC/2026/AN/06521			Night Time	67.3	47.6	51	

Reviewed by

Authorised Signatory

\*\*\*End of Report\*\*\*

Dr. Deependra Kumar Sinha

Quality Manager

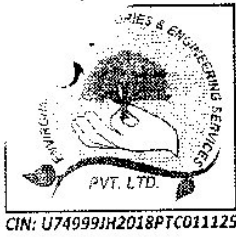
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Ph. D. Environmental Engg.

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Santpuria Alloys Pvt. Ltd.

Director



# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA  
HATIA, RANCHI-834003 (JHARKHAND)  
GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

Email: info@elespl.co.in, eles.ranchi@gmail.com

Phone no.: 0651-2290103

Website : www.elespl.co.in



CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2026/05676	Report Release Date : 25.06.2026
ULR No. : TC135872600005561F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Santpuria Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2026/GW/06522
Address	: Manjhaladih,	Sampling Date	: 19.06.2026
	: P.O.- Gadi Srirampur, Tundi Road, Giridih- 815302 Jharkhand.	Sample Received Date	: 22.06.2026
Plant Status	: Operational	Type of Sample	: Ground Water
Period of Analysis	: 22.06.2026 to 25.06.2026	Source of Sample	: Borewell
		Location of Sample	: Near Main Gate
		Sampling Procedure	: ELES/DOC/SMPL/01
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

Discipline : Chemical				Group : Water		Regulatory Limit as per IS:10500:2012, RA2018	
Parameter	Unit	Test Protocol	Result	Acceptable Limit	Permissible Limit		
pH (at 24.8 °C)	-	APHA 24 <sup>th</sup> Ed.2023, 4500-H <sup>+</sup>	6.92	6.5-8.5	No Relaxation		
Turbidity	NTU	APHA 24 <sup>th</sup> Ed.2023, 2130B	0.52	1.0	5.0		
Total Dissolved Solids (TDS)	mg/L	APHA 24 <sup>th</sup> Ed.2023, 2540C	416	500	2000		
Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA 24 <sup>th</sup> Ed.2023, 2320 B	142	200	600		
Total Hardness (as CaCO <sub>3</sub> )	mg/L	APHA 24 <sup>th</sup> Ed.2023, 2340 C	168	200	600		
Chloride (as Cl)	mg/L	APHA 24 <sup>th</sup> Ed.2023, 4500 Cl-B	67.9	250	1000		
Sulphate (as SO <sub>4</sub> )	mg/L	APHA 24 <sup>th</sup> Ed.2023, 4500 SO <sub>4</sub> <sup>-2</sup> -E	38.6	200	400		
Discipline : Chemical				Group : Residues in Water			
Calcium (as Ca)	mg/L	APHA 24 <sup>th</sup> Ed.2023, 3500 Ca-B	43.0	75	200		
Iron (as Fe)	mg/L	APHA 24 <sup>th</sup> Ed.2023, 3111B	0.128	1.0	No Relaxation		
Magnesium (as Mg)	mg/L	APHA 24 <sup>th</sup> Ed.2023, 3500 Mg-B	14.8	30	100		

*Susma Yadav*  
Reviewed by

*Aakash Kumar*  
Authorised Signatory

\*\*\*\*End of Report\*\*\*\*

Aakash Kumar

Page 1 of 1

Quality Manager

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Santpuria Alloys Pvt. Ltd.

*A. Sin*  
Director



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GST NO:- 20AAECE9713D1Z4

ENGINEERING SERVICES PVT. LTD.

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Phone no.: 0651-2290103  
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TC-13587

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2026/05704	Report Release Date : 25.06.2026
ULR No. : TC135872600005583F	

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: Santpuria Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2026/FA/06602
Address	: Manjhaladih, P.O.- Gadi Srirampur, Tundi Road, Giridih- 815302 Jharkhand.	Location	: Material Crusher & Product Handling Area
Plant Status	: Operational	Sampling Date	: 19.06.2026
Period of Analysis	: 22.06.2026 to 25.06.2026	Sample Received Date	: 22.06.2026
		Type of Sample	: Fugitive Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sampling Done By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

METEOROLOGICAL INFORMATION					
1	Average Temperature (°C)	: 39	2	Barometric Pressure (mmHg)	: 741
3	Relative Humidity (%)	: 57	4	Weather Condition	: Clear

Discipline : Chemical		Group : Atmospheric Pollution	
Parameter	Unit	Test Protocol	Result
Suspended Particulate Matter (SPM)	µg/m <sup>3</sup>	IS 5182 (Part-4): 2019	548
Sulphur Di- Oxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-2/Sec1): 2023	15.9
Nitrogen Di- Oxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	IS 5182 (Part-6): 2022	33.3

Reviewed by  
**Akash Kumar**  
Quality Manager

\*\*\*\*End of Report\*\*\*\*  
Santpuria Alloys Pvt. Ltd.

Director

Authorized Signatory  
**Dr. Deependra Kumar Sinha**  
Ph. D. Environmental Engg.  
Technical Manager

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