

**Report of Committee constituted by Hon'ble NGT in the matter of O.A. No. 166/2022 Santosh Kumar Vs State of Uttar Pradesh & Ors.**

---

Hon'ble NGT in the matter of O.A. No. 166/2022 Santosh Kumar Vs State of Uttar Pradesh & Ors. vide its order dated 08.03.2022, directed the following,

*".... 1. Grievance in the application by applicant Santosh Kumar is against respondent no.6 Mahamaya Alloy Pvt. Ltd. Who is manufacturing Iron & Steel and is situated in the middle of residential area of Dumduma, Tehsil-Chunar, District-Mirzapur, U.P. It is submitted that company discharges polluted Air which result in breathlessness, coughing, wheezing, and chest pain. It is further submitted that within 300 meter of this factory, many school are being run and it is adversely affecting the health of the students. It is further submitted that contaminated water containing chemicals and heavy metals is discharge into the nearby land causing damage to the soil as well as environment.*

*2. Having regard to the seriousness of the allegations, it appear necessary to ascertain the factual position in the matter through a Joint Committee of the State PCB & District Magistrate, Mirzapur (Uttar Pradesh). The State PCB will be the Nodal agency for coordination and compliance. The Joint Committee may meet within one month and undertake site visit and look into the grievance of the applicant. Factual and action taken report may be furnished within three months by email at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) preferably in the form of searchable PDF/OCR Support PDF and not in the form of image PDF"....*

Accordingly the following members have been nominated for the said joint Committee:-

- Dr. T.N. Singh, Regional Officer, U.P. Pollution Control Board, Sonbhadra.
- Shri Amrendra Kumar Verma, A.D.M. (NGRWS), District-Mirzapur.

The nominated committee members have conducted the field visit of the site on dated 02.05.2022 to review the ground situation, in and around the factory premises of M/s Maa Mahamaya Alloys Pvt. Ltd., at Vill.-Dumduma, Tehsil-Chunar, District-Mirzapur.



The factual ground situation of the industry in and around the factory premises is given below:-

1. As per the record available in this office of U.P. Pollution Control Board, Sonbhadra, that M/s Maa Mahamaya Alloys Pvt. Ltd., Vill.-Dumduma, Tehsil-Chunar, District-Mirzapur started the operations in year 2006 for production of MS Ingots using MS Scrap and Sponge Iron as raw material with the help of induction furnace installed for the purpose. The Geo-Coordinates of the referred industry is 25.093566 N, 82.884886 E.
2. That the production capacity at the time of starting of the unit in name of M/s Maa Mahamaya Alloys Pvt. Ltd. was reported 75 MTPD after obtaining Consent to Operate (Air & Water) from the State PCB vide reference No. 55720/C-2/CTO/Vayu Pradushan/671/2009 dated 14.10.2009 CTO for Air and reference No., 55721/C-2/Sahmati Jal/1032/2009 dated 14.10.2009 CTO for Water. The photocopy of CTO issued by the State Board is attached herewith for reference as Enclosure no. A.
3. That the said unit has obtained CTE for expansion of its production capacity of MS Ingots from 75 MTPD to 210 MTPD and accordingly had obtained CTO for Production of MS Ingots vide reference No.138455/ UPPCB/ Sonebhadra(UPPCBRO) /air /MIRZAPUR/2021 dated 21.10.2021 CTO for Air & vide reference No.138457 /UPPCB/ Sonebhadra (UPPCBRO)/ water/ MIRZAPUR/2021 dated 21.10.2021 CTO for water. The photocopy of the CTO issued by the State Board is attached herewith for reference as Enclosure no. B.
4. That for Production of MS Ingots electric operated induction furnaces of capacities 08 Ton per Batch x 03 and 03 standby furnaces for the purpose & 01 Induction furnace of 12 Tonne Per Batch with one Standby of the same capacity.
5. That, to control the air pollution generated from the process, Cyclone Dust Collector including movable hood and ducting with a stack height of 30 meters has been installed.



6. That, the Second Unit in the name of M/s Maa Mahamaya Alloys, Pvt., Ltd established at Vill.-Dumduma, Tehsil-Chunar, Mirzapur in the same campus was started in year 2011.
7. That, in Unit-II production of MS Rod, MS Angle, MS Girder etc using MS Ingots/Billets was started after obtaining CTO from State Pollution Control Board, Sonbhadra vide reference no. 1635/Maa Mahamaya-II/Consent/ Vayu Pradushan/2012 dated 27.01.2012 CTO for Air and reference No. 1635/Maa Mahamaya-II/Consent/ /2012 dated 27.01.2012 CTO for Water. The photocopy of CTO is attached herewith for reference as **Enclosure no. C.**
8. That, the Unit-II in which the product is MS Rod, MS Angle etc was expanded the production capacity from 120 to 720 MTPD in 2020 after obtaining CTE from the State Pollution Control Board, Sonbhadra vide its order reference no. 89786/UPPCB/Sonbhadra (UPPCBRO) /CTE /MIRZAPUR /2020 dated: 06.02.2020. The photocopy of CTE is attached herewith for reference as **Enclosure no. D.**
9. That, the industry has obtained Consent to Operate for Unit-II vide order reference no.138461/ UPPCB/Sonebhadra(UPPCBRO)/CTO/water/ MIRZAPUR/2021 dated 21.10.2021 for CTO Water & reference no.138460/UPPCB/Sonebhadra (UPPCBRO)/ CTO/air /MIRZAPUR/2021 dated 21.10.2021 for CTO Air. The photocopy of CTO is attached herewith for reference as **Enclosure no. E.**
10. That, in Unit-II, 02 Nos.of Bio-gasifiers have been installed for the production of MS Rod, MS Angle & MS Girder etc in which coal is used as fuel. The daily consumption of coal is 10 TPD as per record for operation of 04 Nos of Rolling Mills.
11. That, a Third Unit in the name of M/S Mahamaya Ispat and Alloys Pvt. Ltd. for production of Mild Steel Products as MS Strip, MS Beam, MS Angle, MS Channel & MS Plate using MS Ingots/Billets is being installed by expanding the industrial area.
12. That, the production capacity of third Unit as per the record is 228000 MTPA which is under construction.
13. That, for production of Mild Steel Products, 02 Coal fired furnaces have been proposed for instalation.

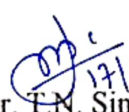
14. That, as per records available in the office, the Stack Emission, Ambient Air Quality as well as Noise level had been monitored by NABL accredited Lab M/s Environmental Laboratories & Engineering Services Pvt. Ltd., Ranchi, Jharkhand in the month of March, 2022. As per analysis report available, the Stack Emission and Ambient Air Quality of industrial complex are within prescribed Norms of Central Pollution Control Board,. The photocopy of Monitoring/Analysis report is attached herewith for reference as **Enclosure no.F.**
15. That, at the time of inspection the unit was found operational.
16. That, at the time of inspection it was found that near the main gate of the industrial complex, several residential and commercial houses have been grown up in the village Dumduma. Approximate 400-500 peoples are residing nearby area.
17. That, the main cause of concern regarding pollution generated from the process is mainly due to movement of heavy vehicles for loading and Unloading of raw materials and products.
18. That, at the outside of the boundary, there is no arrangement of suppression of dust due to vehicular movements,
19. That, the road condition joining Chunar-Dumduma to industrial complex is with many Pot holes which may cause air and sound pollution by which health related problems may arise.
20. That, Civil Misc. Writ Petition (P.I.L.) No. 2229 of 2022 Ravi Kumar Vs State of UP and Others which is under consideration in Hon'ble High Court of Allahabad.
21. That, as per order of Hon'ble High Court, Allahabad instructions had been submitted in the said Civil Misc. Writ Petition (P.I.L.) No. 2229 of 2022 Ravi Kumar Vs State of UP and Others by the joint committee comprising Regional officer of State PCB, Sonbhadra and SDM, Chunar, Mirzapur and the counter affidavit in Hon'ble High Court, Allahabad has also been submitted as per order of Hon'ble Court.
22. That after sited inspection on dated 13.12.2021, the copy of the said instruction is attached herewith for reference as **Enclosure no G.**




23. As per the third party monitoring reports, the unit is found complying the norms of Ambient Air as well as Stack emissions, however to minimize the impact of fugitive emissions due to the heavy vehicular movements, the unit can be asked to take measures such as installation of 04 Nos. of Stationary anti smog-gun inside the premises and 02 Nos. of movable anti smog gun outside the boundary.
24. As per the application submitted to obtain CTO, the unit consumes (Domestic-1.0 KLD, Industrial-2.0 KLD in cooling & Other (Plantation-1.0 KLD) and generated (Domestic-1.0 KLD, Industrial-2.0 KLD in cooling & Other (Plantation-1.0 KLD). The domestic waste water is treated through Soak pit/Septic tank. Industrial consumption does not generate any effluent.
25. The Unit is abstracting Ground Water for industrial as well as domestic purposes. However, they have yet not applied for NOC to CGWA/CGWB.

**Recommendations of the Committee:-**

- The Unit may be asked to install Online Continuous Ambient Air Quality Monitoring Station in order to measure Ambient Air Quality of the area.
- The Unit May be asked to Submit a time bound action plan for abatement of Air and Water pollution control if any.
- The Units shall take immediate measure to control fugitive dust emission generated from the movements of the heavy vehicles in the area.
- The Unit shall install 04 Nos. Of Stationary Anti Smog-Gun and 02 Nos. of mobile Anti Smog-Guns for dust suppression in and around the industrial premises.

  
(Dr. T.N. Singh)

**Regional Officer,  
U.P. Pollution Control Board,  
Sonbhadra**

  
(Amrendra Kumar Verma)

**Additional District Magistrate,  
(N.G.R.W.S.),  
Mirzapur**



# उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

'पिकप भवन' तृतीय तल, बी-ब्लाक, विभूति खण्ड,

गोमती नगर, लखनऊ

(लघु श्रेणी के उद्योगों हेतु सहमति)

संदर्भ संख्या

F-55720

सी-२ / वायु प्रदूषण / ६७१/२००९

पंजीकृत

सेवा में,

दिनांक 14-10-2009

मे०. श्री मधुनाथ एल्यूमीनियम प्रॉलि०,

डन-डुआ, चुनार, मिर्जापुर (उ०प्र०)

विषय : वायु (प्रदूषण निवारण तथा नियंत्रण) अधिनियम, 1981 की धारा-21 के अन्तर्गत सहमति के सन्मन्ध में।

महोदय,

उपरोक्त विषय के सन्दर्भ में कृपया आप अपने आवेदन पत्र दिनांक 16.0.09 का अवलोकन करें। आपके आवेदन पत्र का परीक्षण किया गया और आपका सरासरी सहमति आदेश संख्या 53/डी-2/सहमति (वायु) आदेश/62/1/09 दिनांक 12-10-09 को संलग्न किया जा रहा है। आपका ध्यान क्रमिक संख्या १,३,४,६,७,८,९,१०,११ नोटों वर्णित है, आकर्षित किया जाता है।

- 1- सहमति में दिये गये शर्तों एवं नीचे दिए गए विभिन्न बिन्दुओं का सख्ती से अनुपालन सुनिश्चित करें एवं इस कार्यालय को अनुपालन आख्या एक माह के अन्दर प्रेषित करना सुनिश्चित करें।
- 2- को० पी० ए० क्षमता के डी० जी० सेट से संलग्न चिमनी की ऊँचाई भूतल/भवन छत से पी० ऊँचाई किया जाय।
- 3- फलू गैस प्रक्रिया उत्सर्जन तथा वायु गुणता की अनुश्रवण आख्या इस पत्र प्राप्ति के दो माह के अन्दर प्रेषित करना सुनिश्चित करें।
- 4- वायु प्रदूषण नियंत्रण हेतु व्यवस्था जैसे साइलोन हस्ट कलक्टर का प्राविधान, संचालन एवं रख रखाव इस प्रकार किया जाये, जिससे प्रदूषणकारी अवयवों की मात्रा बोर्ड द्वारा निर्धारित मानकों के अनुरूप हो।
- 5- इस पत्र प्राप्ति के एक माह के भीतर समस्त प्रदूषण नियंत्रण व्यवस्थाओं की डिजाइन, कार्यक्षमता सम्बन्धी आख्या एवं अपने उद्योग का ले-आउट प्लान प्रेषित करना सुनिश्चित करें।
- 6- आपके उद्योग का संचालन इस प्रकार से हो, जिससे वायु मण्डल की गुणता मानकों के अनुरूप रहे।
- 7- उचित मात्रा में वृक्षारोपण करें, जिससे वातावरण में सुधार हो तथा प्रगति आख्या हर तीसरे महीने भेजना सुनिश्चित करें।
- 8- यह सहमति केवल वर्तमान उत्पादन क्षमता एवं वर्तमान उत्सर्जन की मात्रा के लिए ही मान्य है।



- 9- आपके उद्योग की आडिट की हुई नवीनतम बैलेंसशीट की प्रतिलिपि या चार्टर एकाउन्टेंट द्वारा पूर्ण विनियोजन (अचल सम्पत्ति + वर्तमान सम्पत्ति - वर्तमान देनदारियाँ) का सत्यापन प्रमाण पत्र प्रेषित करने के निर्देश दिए जाते हैं जिससे कि आपके द्वारा देय सहमति शुल्क की जाँच की जा सके।
- 10- ईंधन का प्रयोग, उत्पादन प्रक्रिया अथवा अन्य प्रक्रिया हेतु नहीं किया जायेगा।
- 11- आपको उपकर अधिनियम, 1977 में वांछित नियमों का पूर्णतया पालन करने और बोर्ड को इस सम्बन्ध में प्रगति भेजने की सलाह दी जाती है।
- 12- उद्योग का पर्यावरणीय वक्तव्य निर्धारित समय अवधि में प्रेषित करना सुनिश्चित करें।

इस सहमति आदेश में अंकित किसी सूचना तथा सहमति शर्तों के होते हुए भी, उ० प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ, वायु (प्रदूषण नियंत्रण तथा नियंत्रण) अधिनियम, 1981 तथा इसके संशोधित अधिनियम, 1987 के अन्तर्गत उपरोक्त वर्णित किसी भी / सभी शर्तों में पुनः विचार करने लिए जो उचित हों, वह परिवर्तन करने का अधिकार व शक्ति, बोर्ड आरक्षित रखती है।

संलग्नक : उपरोक्तानुसार

भवदीय  
(ड० मधु भारद्वाज)  
मुख्य पर्यावरण अधिकारी  
(मृत्त - २.....)

संदर्भ सं०..... / वायु प्रदूषण..... तद दिनांक.....

प्रतिलिपि :-

- 1- क्षेत्रीय अधिकारी, उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड लेन को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

मुख्य पर्यावरण अधिकारी  
(मृत्त - २.....)



# उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

'पिकप भवन' तृतीय तल, बी-ब्लॉक, विभूति खण्ड,  
गोमती नगर, लखनऊ

सदस्य

F 5572/

सी-२/सम्मति जल/१०३२/२००९

पंजीकृत

सेवा में,

दिनांक

14-10-09

मै० मा० महामाया एलॉपब प्र०लि०,

प्रज्जा, चुनार, मिर्जपुर।

विषय : जल (प्रदूषण निवारण तथा नियंत्रण) अधिनियम, 1974 की धारा 25/26 और इसके संशोधित अधिनियम, 1978 के अन्तर्गत घरेलू/प्रक्रिया जनित उत्प्रवाह के निस्तारण हेतु सहमति।

महोदय,

कृपया अपने पत्रांक

दिनांक १६.७.२००९

के साथ संलग्न सहमति आवेदन पत्र का संदर्भ लें। आपके सहमति आवेदन पत्र का परीक्षण किया गया तथा सशर्त सहमति आदेश पत्रांक 53/वी-2/1032/03 दिनांक 08-10-09 संलग्न है। आपका ध्यान निम्न बिन्दु सं० १,५ से १० पर आवश्यक कार्यवाही करने हेतु दिलाया जा रहा है।

1. सहमति शर्तों तथा निम्न बिन्दुओं का कड़ाई से पालन किया जाना सुनिश्चित करें तथा अनुपालन आख्या पत्र प्राप्ति के एक माह के भीतर प्रेषित करें।
2. जल सफ़ाई स्रोत के विभिन्न बिन्दुओं पर उत्प्रवाह मापक मीटर अवश्य लगवायें। उत्प्रवाह मीटर मापी गयी रीडिंग हर महीने समय से अवश्य भेजें।
3. उद्योग से प्रतिदिन निस्तारित होने वाले उत्प्रवाह को मापने हेतु ड्रेन में अन्तिम निस्तारण बिन्दु से पूर्व बी-नाच या अन्य कोई मापक यंत्र लगवाये, बी-नाच की मापी गई सूचनायें तथा केलीब्रेशन चार्ट समय-समय पर प्रेषित करें।
4. घरेलू उत्प्रवाह शुद्धीकरण संयंत्र के डिजाइन तथा विस्तृत विवरण और जल निस्तारण व्यवस्था का रेखांकित मानचित्र (ले आउट प्लान) इस पत्र प्राप्ति के एक माह के भीतर प्रेषित करें।
5. आपको उद्योग की आडिट की हुई वर्ष २००८-०९ की बेलेंसशीट की प्रतिलिपि या चार्टर्ड एकाउन्टेन्ट द्वारा पूर्ण विनियोजन (अच्छल-वर्तमान-वर्तमान जिम्मेदारियों) का सत्यापित प्रमाण पत्र प्रेषित करने के निर्देश दिये जाते हैं जिससे कि आपके द्वारा देय सहमति शुल्क की जाँच की जा सके।
6. यह सहमति केवल घरेलू उत्प्रवाह के निस्तारण हेतु मान्य है। औद्योगिक उत्प्रवाह किसी भी स्थिति में निस्तारित न किया जाए।
7. कृपया स्थापित उत्प्रवाह शुद्धीकरण संयंत्र का प्रभावी संचालन तथा रख रखाव सुनिश्चित करें जिससे कि उत्प्रवाह का निस्तारण बोर्ड द्वारा निर्धारित मानकों के अनुरूप हों।
8. कृपया ठोस अवशिष्ट पदार्थों को इस प्रकार से निस्तारित करना सुनिश्चित करें जिससे कि नदी, सरिता, भूमिगत जल या अन्य किसी स्रोत का जल प्रदूषित न हो।
9. उचित मात्रा में वृक्षारोपण करें जिससे कि वातावरण में सुधार हो तथा प्रगति आख्या हर तीसरे महीने भेजें।



10. आपको उपर आधिनियम, 1977 में वांछित नियमों का पूर्णतया पालन करने और बोर्ड को इस सम्बन्ध में प्रगति भेजने की सलाह दी जाती है।

इस सहमति आदेश में अंकित प्राविधान तथा सहमति शर्तों के होते हुए भी, उ० प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ, जल (प्रदूषण निवारण तथा नियंत्रण) अधिनियम, 1974 तथा इसके संशोधित अधिनियम, 1978 की धारा 27(2) के अन्तर्गत उपरोक्त वर्णित किसी भी / सभी शर्तों में पुनः विचार करने या संशोधन के लिए, अधिनियम के अनुसार जो उचित हो, का अधिकार व शक्ति, बोर्ड आरक्षित रखती है।

संलग्नक : उपरोक्तानुसार

भवदीय

(य० नयु भरद्वाज)

मुख्य पर्यावरण अधिकारी

(वृत्त - २.....)

पृ० सं०.....

तद दिनांक.....

नोटिलिपि : क्षेत्रीय अधिकारी, उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड सोनभद्र को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

मुख्य पर्यावरण अधिकारी

(वृत्त - २.....)



**UTTAR PRADESH POLLUTION CONTROL BOARD**  
 Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010  
 Phone: 0522-2720828, 2720831, Fax: 0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

### CONSENT ORDER

Ref No. -  
 138457/UPPCB/Sonebhadra(UPPCBRO)/CTO/w  
 ater/MIRZAPUR/2021

Dated : 21/10/2021

To ,

Shri KAILASH AGRAWAL  
 M/s MAA MAHAMAYA ALLOYS PVT LTD  
 VILL. DUNDUMA, TEHSIL CHUNAR, DISTT. MIRZAPUR(U.P.)-231304  
 MIRZAPUR

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. MAA MAHAMAYA ALLOYS PVT LTD

Reference Application No :13655663

Dated :21/10/2021

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act, 1974 as amended (here in after referred as the act ) M/s. MAA MAHAMAYA ALLOYS PVT LTD is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in reference to their foresaid application .
2. This consent is valid for the period from 21/10/2021 to 31/07/2025 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board  
 TRILOKI NATH  
 SINGH  
 REGIONAL OFFICER

Enclosed : As above  
 (condition of consent):

Copy to: CHIEF ENVIRONMENTAL OFFICER (C-2), U.P. POLLUTION CONTROL BOARD, T.C.  
 12, VIBHUTI KHAND, GOMATI NAGAR, LUCKNOW

REGIONAL OFFICER



**U.P. POLLUTION CONTROL BOARD, LUCKNOW**

Annexure to Consent issued to M/s.MAA MAHAMAYA ALLOYS PVT LTD vide

Consent Order No. 13655663/ Water

Dated : 21/10/2021

**CONDITIONS OF CONSENT**

1. This consent is valid only for the approved production capacity of M. S. Ingots @210 MT/Day..
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,KL/day	Treatment facility and discharge point

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4(a) The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent

Domestic Effluent		
S.No	Parameter	Standard

- 4(b). The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms.

Industrial Effluent		
S.No	Parameter	Standard

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory.
6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .
9. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

**Specific Conditions:**

.....CTO WATER.....

1. This Consent to Operate is granted to M/s Maa Mahamaaya Alloys Pvt. Ltd, Vill-Dumduma, Tehsil-Chunar, Distt.-Mirzapur for production of M. S. Ingots @210 MT/Day.
2. The Industry shall ensure good house-keeping.
3. The Industry shall comply The Hazardous and other Waste (Management and Trans-boundary Movement) Rules, 2016 (as amended), The Solid Waste Management Rules, 2016 (as amended), The Noise Pollution (Regulation and Control) Rules, 2000 (as amended).
4. The industry shall be operated in such a way that there is no harm to the nearby environment.
5. The directions issued by the Hon'ble NGT/Court/CPCB/UPPCB shall be completely complied with.
6. A thick green belt of trees of suitable species able to attain 8-10 meter height on maturity shall be developed in multi lineate staggered manner on a minimum 33% of the land on which the industry is established. as per the "Protocol for Development of Green Belt" notified vide Board Office Order No.H16405/220/2018/02 dated.16.02.2018 in this regard and available at URL <http://www.uppcb.com/pdf/Green-belt-Guide-160218.pdf>.
7. Regular water sprinkling shall be done in order to suppress the dust inside the premises.
8. Industry shall submit Environmental Statement in prescribed format in Form V of rule 14 of E.P Rules 1986.
9. This consent order is valid up to dated 31.07.2025 for production of above mentioned product. Industry shall obtain prior approval before making any modification in product/process /fuel / plant machinery failing which consent would be deemed void.
10. Industry shall comply the conditions imposed in the CTE already issued as well as previous CTO.
11. Industry shall comply with the various provisions of Water (Prevention and Control of Pollution) Act 1974 as amended, and various Rules under E.P. Act 1986.
12. Industry shall submit audited balance sheet to verify the CTO fee within one month.
13. Industry shall comply the order passed by Hon'ble NGT in O.A. No. 55/2019 (WZ) Gajubha Jesar Jadeja V/s Union of India and Others.
14. Industry shall obtain NOC for Ground water abstraction from CGWA and submit it within 02 months.
15. No Industrial waste shall be discharged outside the premises.

Board reserves its right for amendment or cancellation of any of the conditions specified above at any time in case the Hospital is found violating any of the conditions of the consent under Water (Prevention & Control of Pollution) Act, 1974 as amended time to time. Hospital is directed to submit the first compliance report of above mentioned specific and general conditions to the Board within one month.

Issued with the permission of competent authority.

For and on behalf of U.P. Pollution Control Board.  
TRILOKINATH  
SINGH  
REGIONAL OFFICER  
NATH SINGH  
Date 2021/12/21 22:08:58  
+2133



Enclosure B



## UTTAR PRADESH POLLUTION CONTROL BOARD

Building: No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone: 0522-2720828, 2720831, Fax: 0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

### CONSENT ORDER

Ref No. -  
138455/UPPCB/Sonebhadra(UPPCBRO)/CTO/air/MIRZAPUR/2021

Dated : 21/10/2021

To,

Shri KAILASH AGRAWAL  
M/s MAA MAHAMAYA ALLOYS PVT LTD  
VILL. DUMDUMA, TEHSIL: CHUNAR, DISTT. MIRZAPUR(U.P.)-231304  
MIRZAPUR

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended)  
to M/s. MAA MAHAMAYA ALLOYS PVT LTD

Reference Application No. 13655629

Dated : 21/10/2021

1. With reference to the application for consent for emission of air pollutants from the plant of M/s MAA MAHAMAYA ALLOYS PVT LTD. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions.
  2. This consent is valid for the period from 21/10/2021 to 31/07/2025.
  3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.
- This consent is being issued with the permission of competent authority.

For and on behalf of U.P. Pollution Control Board

TRILOKI NATH  
SINGH  
REGIONAL OFFICER

Enclosed : As above  
(condition of consent):

Copy to: CHIEF ENVIRONMENTAL OFFICER (C-2), U.P. POLLUTION CONTROL BOARD, T.C.  
12, VIBHUTI KHAND, GOMATI NAGAR, LUCKNOW

REGIONAL OFFICER

**U.P. Pollution Control Board**

Dated : 21/10/2021

**CONDITIONS OF CONSENT**

1. This consent is valid only for the approved production capacity of M. S. Ingots @210 MT/Day..
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.
- 3(b) Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height

- 3(c) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard

4. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
5. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
6. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
7. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
8. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
9. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted..

The Unit will file the renewal application at least 2 months prior to the expiry of this Order.  
Specific Conditions:



.....CTO AIR...

1. This Consent to Operate is granted to M/s Maa Mahamaaya Alloys Pvt. Ltd, Vill-Dumduma, Tehsil-Chunar, Distt.-Mirzapur for production of M. S. Ingots @210 MT/Day.
2. The APCS for controlling emissions should be properly maintained and continuously operated. The stack should be as per norms and regular monitoring of stack and ambient air should be done by the laboratory recognized under E (P) Act 1986 and report be sent to the Board.
3. The DG set should have stack of proper height as per norms and provided with acoustic enclosure and monitoring of noise and stack and ambient air should be done by the laboratory recognized under E (P) Act 1986 and report be sent to the Board.
4. The Industry shall ensure good house-keeping.
5. The Industry shall comply The Hazardous and other Waste (Management and Transboundary Movement) Rules, 2016 (as amended), The Solid Waste Management Rules, 2016 (as amended), The Noise Pollution (Regulation and Control) Rules, 2000 (as amended).
6. The industry shall be operated in such a way that there is no harm to the nearby environment.
7. The directions issued by the Hon'ble NGT / Court / CPCB / UPPCB shall be completely complied with.
8. A thick green belt of trees of suitable species able to attain 8-10 meter height on maturity shall be developed in multi lineate staggered manner on a minimum 33% of the land on which the industry is established. as per the "Protocol for Development of Green Belt" notified vide Board Office Order No.H16405/220/2018/02 dated 16.02.2018 in this regard and available at URL <http://www.uppcb.com/pdf/Green-belt-Guide-160218.pdf>.
9. Regular water sprinkling shall be done in order to suppress the dust inside the premises.
10. Any source of emission other than that mentioned in the Air Consent seeking application will not be permitted by the Board.
11. Industry shall submit Environmental Statement in prescribed format in Form V of rule 14 of E.P Rules 1986.
12. This consent order is valid up to dated 31.07.2025 for production of above mentioned product. Industry shall obtain prior approval before making any modification in product/process /fuel / plant machinery failing which consent would be deemed void.
13. Industry shall comply the conditions imposed in the CTE already issued as well as previous CTO.
14. Industry shall comply with the various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended; and various Rules under E.P. Act 1986.
15. Industry shall submit audited balance sheet to verify the CTO fee within one month.
16. Industry shall comply the order passed by Hon'ble NGT in O.A. No. 55/2019 (WZ) Gajubha Jesar Jadeja V/s Union of India and Others.

Board reserves its right for amendment or cancellation of any of the conditions specified above at any time in case the Hospital is found violating any of the conditions of the consent under Air (Prevention & Control of Pollution) Act, 1981 as amended time to time. Hospital is directed to submit the first compliance report of above mentioned specific and general conditions to the Board within one month.

Issued with the permission of competent authority.

- For and on behalf of U.P. Pollution Control Board.

TRILOKI NATH  
SINGH

Digitally signed by TRILOKI NATH  
SINGH  
Date: 2021.10.21 22:06:16 +0530

REGIONAL OFFICER





# उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

( क्षेत्रीय कार्यालय )

उत्तर-मोहाल, रावर्ट्सगंज-सोनभद्र

संदर्भ संख्या/635/ नॉ. 481/2012-17/10/वायु प्रदूषण/ 2012

पंजीकृत

दिनांक 22.01.2012

सेवा में,

मे.श्री. महाराष्ट्र एनर्जिज प्रो. लि. 121,

दुमदुमा, पुनार,

जनपद-मिर्जापुर। 30901

विषय : वायु ( प्रदूषण निवारण तथा नियंत्रण ) अधिनियम 1981 की धारा-21 के अन्तर्गत सहमति के सम्बन्ध में।

महोदय,

उपरोक्त विषयक के संदर्भ में कृपया आप अपने आवेदन पत्र दिनांक..... 22.01.2012 ..... का अवलोकन करें। आपके पत्र का परीक्षण किया गया और आपका सशर्त सहमति आदेश सं०..... 635 ..... सहमति ( वायु ) आदेश/..... 635/12 ..... दिनांक..... 22.01.2012 ..... की संलग्न किया जा रहा है। आपका ध्यान क्रमांक संख्या 01, 02, 04, 08-12..... जो निचे वर्णित है, आकर्षित किया जाता है।


1. सहमति में दिये गये शर्तों एवं नीचे दिये गये विभिन्न बिन्दुओं की सख्ती से अनुपालन सुनिश्चित करें एवं इस कार्यालय को अनुपालन आख्या एक माह के अन्दर प्रेषित करना सुनिश्चित करें।
2. .... के 0 वी 0 ए 0 क्षमता के 0 डी 0 जी 0 सेट से संलग्न चिमनी की उँचाई भूतल/भवन छत से ..... मी 0 उँचा किया जाय।
3. पलू गैस, प्रक्रिया उत्सर्जन तथा वायु गुणता की अनुश्रवण आख्या इस पत्र प्राप्ति के ..... 08 ..... माह के अन्दर प्रेषित करना सुनिश्चित करें।
4. वायु प्रदूषण नियंत्रण हेतु व्यवस्था जैसे 50410 एक्ट, 1986 ..... का प्राविधान, संचालन एवं रख रखाव इस प्रकार किया जाय, जिससे प्रदूषणकारी अवयवों की मात्रा बोर्ड के द्वारा निर्धारित मानकों के अनुरूप हो।
5. इस पत्र प्राप्ति के एक माह के भीतर समस्त प्रदूषण नियंत्रण व्यवस्थाओं की डिजाइन, कार्यक्षमता सम्बन्धी आख्या एवं अपने उद्योग का ले-आउट प्रेषित करना सुनिश्चित करें।
6. आपके उद्योग का संचालन इस प्रकार से हो, जिससे वायु मण्डल की गुणता मानकों के अनुरूप रहे।
7. उचित मात्रा में वृक्षारोपण करें, जिससे वातावरण में सुधार हो तथा प्रगति आख्या हर तीसरे महीने भेजना सुनिश्चित करें।
8. यह सहमति केवल वर्तमान उत्पादन क्षमता एवं वर्तमान उत्सर्जन की मात्रा के लिए ही मान्य है।

9. आपके उद्योग की आडिट की हुई नवीनतम बैलेन्सशीट की प्रतिलिपि या चार्टर एकाउन्टेन्ट द्वारा पूर्ण विनियोजन (असम्पति + वर्तमान सम्पति-देनदारियाँ) का सत्यापित प्रमाण-पत्र प्रेषित करने के निर्देश दिये जाते हैं जिससे कि आपके द्वारा देय सहमति शुल्क की जाँच की जा सके।
10. ईंधन का प्रयोग, उत्पादन प्रक्रिया हेतु नहीं किया जायेगा।
11. आपको उपर अधिनियम 1977 में बांछित नियमों का पूर्णतया पालन करने और बोर्ड को इस सम्बन्ध में प्रति भेजने की सलाह दी जाती है।
12. बोर्ड द्वारा मान्यता प्राप्त प्रयोगशाला से एक माह के अन्दर स्टैंक अन्वेषण आदिया प्रेषित किया जाये।

इस सहमति आदेश में अंकित किसी सूचना तथा सहमति शर्तों के होते हुए भी, उ० प्र० प्रदूषण नियंत्रण बोर्ड लखनऊ, वायु (प्रदूषण निवारण तथा नियंत्रण) अधिनियम 1981 तथा इसके संशोधित अधिनियम 1978 के अन्तर्गत उपरोक्त वर्णित किसी भी/सभी शर्तों में पुनः विचार करने के लिए जो उचित हो, वह परिवर्तन करने का अधिकार व शक्ति, बोर्ड के लिए आरक्षित रखती है।


संलग्नक : उपरोक्तानुसार

भवदीय

  
क्षेत्रीय अधिकारी

संदर्भ सं०...../वायु प्रदूषण/.....तद दिनांक.....

प्रतिलिपि : मुख्य पर्यावरण अधिकारी सहमति (वृत्त-द्वितीय) उ० प्र० नियंत्रण बोर्ड, लखनऊ को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

  
क्षेत्रीय अधिकारी  
D/C

(क्षेत्रीय कार्यालय)

उत्तर-मोहाल, राबर्ट्सगंज-सोनभद्र

पंजीकृत

दिनांक २२.०१.२०१२

REF-41 RECORDS SECTION 9-10-1942

ॐ नमो भगवते वासुदेवाय

जनपद-विजापुर 3090A

विषय : जल ( प्रदूषण निवारण तथा नियंत्रण ) अधिनियम 1974 को धारा 25/26 और इसके संशोधित अधिनियम 1978 के अन्तर्गत घरेलू/प्रकिया जनित उत्प्रावाह के निस्तारण हेतु सहमति।

कृपया अपने पत्रांक ..... शून्य ..... दिनांक ..... शून्य ..... के  
 गन सहमति आवेदन पत्र का सन्दर्भ लें। आपके सहमति आवेदन पत्र का परीक्षण किया गया तथा सशर्त सहमति आदेश  
 ..... 689 ..... दिनांक ..... 27-01-2017 ..... संलग्न है। आपका ध्यान  
 नु सं० ..... 01 ..... तै ..... 12 ..... पर आवश्यक कार्यवाही करने हेतु दिलया जा रहा है।

1. सहमति शर्तों तथा निम्न बिन्दुओं का कड़ाई से पालन किया जाना सुनिश्चित करें। तथा अनुपालन आख्या पत्र प्राप्ति के एक माह के भीतर प्रेषित करें।
2. जल सप्लाई स्रोत के विभिन्न बिन्दुओं पर उत्प्रावह मापक मीटर अवश्य लगवायें। उत्प्रावह मीटर की मापी गयी रीडिंग हर महीने समय से अवश्य भेजें।
3. उद्योग से प्रतिदिन निस्तारित होने वाले उत्प्रावह को मापने हेतु ड्रेन में अन्तिम निस्तारण बिन्दु से पूर्व वी-नाच या अन्य कोई मापक यंत्र लगवायें वी-नाच की मापी गई सूचनायें तथा केलोव्रेशन चार्ट समय-समय पर प्रेषित करें।
4. घरेलू उत्प्रावह शुद्धीकरण संयंत्र के डिजायन तथा विस्तृत विवरण और जल निस्तारण व्यवस्था का रेखांकित मानचित्र ( ले आउट प्लान ) इस प्राप्ति के एक माह के भीतर प्रेषित करें।
5. आपको उद्योग की आडिट की हुई वर्ष 2014-15.....-0.....की बैलेन्स शीट की प्रतिलिपि या चार्टर्ड एकाउन्टेन्ट द्वारा पूर्ण विनियोजन ( अचल + वर्तमान - वर्तमान जिम्मेदारियाँ ) का सत्यापित प्रमाण पत्र प्रेषित करने के निर्देश दिये जाते हैं जिससे कि आपके द्वारा देय सहमति शुल्क की जाँच की जा सके।
6. यह सहमति केवल घरेलू उत्प्रावह के निस्तार हेतु मान्य है। आर्द्योगिक उत्प्रावह किसी भी स्थिति में निस्तारण न किया जाय।
7. कृपया स्थापित उत्प्रावह शुद्धीकरण संयंत्र का संचालन तथा रख रखाव सुनिश्चित करें जिससे कि उत्प्रावह का निस्तारण बोर्ड द्वारा निर्धारित मानकों के अनुरूप हो।



8. कृपया ठोस अवशिष्ट पदार्थों को इस प्रकार से निस्तारित करना सुनिश्चित करें जिससे कि नदी, सरिता, भूमिगत जल या अन्य किसी स्रोत का जल प्रदूषित न हो।
9. उचित मात्रा में वृक्षारोपण करें जिससे कि वातावरण में सुधार हो तथा प्रगति आख्या हर तीसरे महीने भेजें।
10. आपके उपर अधिनियम 1977 में वांछित नियमों का पूर्णतया पालन करने और बोर्ड को इस सम्बन्ध में प्रगति भेजने की सलाह दी जाती है।
11. कूलिंग में प्रयुक्त जल को रिहाइविलिंग की जायेगी ।

इस सहमति आदेश में अंकित प्राविधान तथा सहमति शर्तों के होते हुए भी, उ० प्र० प्रदूषण नियंत्रण बोर्ड लखनऊ जल (प्रदूषण निवारण तथा नियंत्रण) अधिनियम 1974 तथा इसके संशोधित अधिनियम 1978 की धारा 27(2) के अन्तर्गत वर्णित किसी भी/सभी शर्तों में पुनः विचार करने या संशोधन के लिए, अधिनियम के अनुसार जो उचित हो का अधिकार व शक्ति, बोर्ड आरक्षित रखती है।

संलग्नक : उपरोक्तानुसार

भवदीय

क्षेत्रीय अधिकारी

पृ० सं०

तद् दिनांक.....

प्रतिलिपि : मुख्य पर्यावरण अधिकारी सहमति (वृत्त-द्वितीय) उ० प्र० नियंत्रण बोर्ड, लखनऊ को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

क्षेत्रीय अधिकारी

०८

## UTTAR PRADESH POLLUTION CONTROL BOARD

Validity Period :04/02/2020 To 03/02/2025

Dated:- 06/02/2020

Ref No. -  
89786/UPPCB/Sonebhadra(UPPCBRO)/CTE/MIRZAPUR/2020

To ,

Shri KAILASH AGRAWAL  
M/s MAA MAHAMAYA ALLOYS PVT LTD (UNIT-2)  
VILL. DUMDUMA, CHUNAR, DISTRICT-MIRZAPUR  
MIRZAPUR

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 7842561 dated - 04/02/2020. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates : 25.093566, 82.884886

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
IRON SCRAP AND SPONGE IRON	Metric Tonnes/Day	720

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
SARIYA, GATUR AND INGAL-720 MT/DAY	720

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
N.A.	Metric Tonnes/Day	00	00

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	SUBMIRCBLE PUMP	8.0

3. Quantity of effluent (In KLD) :

Radhey  
Shyam

Digitally signed by  
Radhey Shyam  
Date: 2020.02.06  
18:20:11 +05'30'

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	1.0
Others(Plantation)	1.0
Cooling	2.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Diesel	0.022	FOR 500 KVA D.G. SET WITH ACOSTIC ENCLOSURE

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
- For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 03/02/2025 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.

**Specific Conditions:**



.....Specific Conditions CTE.....

1. This consent to establish is granted For M/S MAA MAHAMAYA ALLOYS PRIVATE LIMITED (UNIT-2), VILLAGE-DUMDUMA, TEHSIL-CHUNAR and DISTRICT- MIRZAPUR.
2. This consent to establish order is issued to the industry for expansion in existing rolling capacity of M. S. billets to produce the M.S. Sariya/Gatar/Ingat. This consent to establish order is valid for 720 MT/Day expansion capacities in existing rolling capacity (120 MT/Day) of the industry. The Total rolling capacity after expansion will be 840 MT/Day.
3. This Consent to establish is valid for the installation of 01 gas fired rolling furnace having capacity of 720 MT/Day and 01 electric rolling furnace having capacity of 270 MT/Day.
4. This N.O.C. is valid for period of five year from the date of its issue or till the commissioning of the industry whichever is earlier.
5. A thick green belt of trees of suitable species able to attain 8-10-meter height on maturity shall be developed in multi-lincate staggered manner on a minimum 33% of the land on which the brick kiln is established as per the "Protocol for Development of Green Belt" notified vide Board Office Order No.H16405/220/2018/02 dated.16.02.2018 which is available at URL [http://www.uppcb.com/pdf/Green-belt-Guide\\_160218.pdf](http://www.uppcb.com/pdf/Green-belt-Guide_160218.pdf), shall ensure adequate plantation and green belt within the premises. Apart from above industry shall develop 10.0 meter wide Green belt and construct 5.0 meter height wind breaking wall towards north direction of the proposed site.
6. This consent to establish is valid only for products and quantity mentioned above.
7. The industry shall obtain prior approval before making any modification in product/process/fuel/plant machinery. Failing which consent to establish would be deemed void.
8. The industry shall abide by directions given by Hon'ble Supreme Court, High Court, National Green Tribunals, Central Pollution Control Board and Uttar Pradesh Pollution Control Board for protection and safeguard of environment from time to time.
9. The industry shall provide permission from concerned department to this Office within 03 months from the date of issue of this order.
10. The industry shall be established in such a manner so that ambient air quality and any population should not be adversely affected.
11. The industry shall be ensuring full compliance of prescribed emission standards as notified by Ministry of Environment, Forest and Climate Change Government of India under Environment (Protection) Rules, 1986.
12. The industry shall provide adequate arrangements for fighting the accidental leakages/discharge of any air pollutant/gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environmental pollution and submit On Site Disaster Management Plan approved from factory department.
13. The industry shall install adequate and appropriate Air Pollution Control System as proposal to control flue gas/process emission.
14. The industry shall ensure full compliance of prescribed emission/effluent/noise standard set under Environment (Protection) Rules, 1986.
15. The industry shall take permission from Central Ground Water authority for abstraction of ground water.
16. Adequate fire fighting systems like sprinklers, fire hydrant, pumping system and water storage should be provided.
17. Industry shall not use furnace oil/pet coke as a fuel.
18. The industry shall not consume any fuel except authorized/consented without the prior written permission of the Board.
19. The industry shall install a new Cooling tower except existing cooling tower as proposal and cooling water shall be completely re-circulated after proper treatment via settling tank.
20. The industry shall install separate energy meter for Air Pollution Control device and maintain the record on daily basis regarding consumption of energy for the running and maintenance of APCS.
21. The industry shall provide certified canopy on 500 KVA DG set (1 No.) to comply with the provisions of EPA Rules, regarding noise pollution along with 0.2 X under root KVA meter stack from roof level.
22. The hazardous waste authorization should be obtained from State Pollution Control Board by industry for transportation, handling and disposal of hazardous waste under the provision of (Hazardous and other waste Management trans boundary movement), Rules 2016.
23. The industry shall ensure that no industrial effluent shall be discharge from outside the factory premises in any condition.
24. The industry shall comply the notifications issued under the Environment (Protection) Act, 1986 from time to time.
25. The industry shall install lightning arrestor as per the PWD norms or any other standard design for industry to avoid the damage to stack caused due to lightning attack.

26. The industry shall provide adequate and appropriate air pollution control device to control the emission simultaneously so as to achieve the standard prescribed by the Board.
27. The industry shall ensure that no air pollution problem or public nuisance is created in the area due to process emissions from the industry.
28. The industry shall obtain the approval of site from other concerning departments, if required and submit land use certificate within 15 days.
29. Ash shall be used for low lying land filling in a scientific manner.
30. Complaint against industry regarding Air Pollution/water pollution if lodged & confirmed in inspection then necessary action against industry shall be taken under Air (Prevention & Control of Pollution) Act, 1981 or Water (Prevention & Control of Pollution) Act, 1984 and industry will be responsible for this.
31. The Industry shall submit a bank draft of Rs. 50000/- as remaining consent to establish fee within 15 days from issuing date of this order.

The Board reserves the right to revoke the NOC granted to the industry at any time in case the industry is found violating any of the conditions of NOC or any provision of Air (Prevention & Control of Pollution) Act, 1981 & Water (Prevention & Control of Pollution) Act 1974 (as amended).

Please note that consent to Establish will be revoked, in case of, non compliance of any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 06/03/2020 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

Radhey  
Shyam

Digitally signed by  
Radhey Shyam  
Date: 2020.02.06  
18:20:47 +05'30'

REGIONAL OFFICER

Dated:- 06/02/2020

Copy To -

CHIEF ENVIRONMENTAL OFFICER (CIRCLE-2)  
U. P. POLLUTION CONTROL BOARD  
LUCKNOW

REGIONAL OFFICER





# UTTAR PRADESH POLLUTION CONTROL BOARD

Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone: 0522-2720828, 2720831, Fax: 0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

## CONSENT ORDER

Ref No. -

138460/UPPCB/Sonebhadra(UPPCBRO)/CTO/air/MIRZAPUR/2021

Dated : 21/10/2021

To,

Shri KAILASH NATH AGRAWAL  
M/s MAA MAHAMAYA ALLOYS PVT LTD (UNIT 2)  
VILL. DUMDUMA, CHUNAR, DISTRICT-MIRZAPUR(U.P.)-231304  
MIRZAPUR

Sub: Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. MAA MAHAMAYA ALLOYS PVT LTD (UNIT 2)

Reference Application No. 13655795

Dated : 21/10/2021

1. With reference to the application for consent for emission of air pollutants from the plant of M/s MAA MAHAMAYA ALLOYS PVT LTD (UNIT 2), under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions.
  2. This consent is valid for the period from 21/10/2021 to 31/07/2025.
  3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.
- This consent is being issued with the permission of competent authority.

For and on behalf of U.P. Pollution Control Board

TRILOKINATH SINGH  
REGIONAL OFFICER

Enclosed : As above  
(condition of consent):

Copy to: CHIEF ENVIRONMENTAL OFFICER (C-2), U.P. POLLUTION CONTROL BOARD, T.C.  
12, VIBHUTI KHAND, GOMATI NAGAR, LUCKNOW

REGIONAL OFFICER



**U.P. Pollution Control Board**

Dated : 21/10/2021

**CONDITIONS OF CONSENT**

1. This consent is valid only for the approved production capacity of Sariya, Gatar & Ingal @120MT/Day.
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

3(b) Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height

- 3(c) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard

4. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
5. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
6. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
7. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
8. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
9. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

**The Unit will file the renewal application at least 2 months prior to the expiry of this Order.**

**Specific Conditions:**

.....CTO AIR...

1. This Consent to Operate is granted to M/s Maa Mahamaaya Alloys Pvt. Ltd (Unit-2), Village-Dumduma, Tehsil-Chunar, Distt.-Mirzapur for production of Sariya, Gatar & Ingal @120MT/Day.
2. The APCS for controlling emissions should be properly maintained and continuously operated. The stack should be as per norms and regular monitoring of stack and ambient air should be done by the laboratory recognized under E (P) Act 1986 and report be sent to the Board.
3. The DG set should have stack of proper height as per norms and provided with acoustic enclosure and monitoring of noise and stack and ambient air should be done by the laboratory recognized under E (P) Act 1986 and report be sent to the Board.
4. The Industry shall ensure good house-keeping.
5. The Industry shall comply The Hazardous and other Waste (Management and Trans-boundary Movement) Rules, 2016 (as amended), The Solid Waste Management Rules, 2016 (as amended), The Noise Pollution (Regulation and Control) Rules, 2000 (as amended).
6. The industry shall be operated in such a way that there is no harm to the nearby environment.
7. The directions issued by the Hon'ble NGT/Court/CPCB /UPPCB shall be completely complied with.
8. A thick green belt of trees of suitable species able to attain 8-10 meter height on maturity shall be developed in multi lineate staggered manner on a minimum-33% of the land on which the industry is established, as per the "Protocol for Development of Green Belt" notified vide Board Office Order No.H16405/220/2018/02 dated.16.02.2018 in this regard and available at URL <http://www.uppcb.com/pdf/Green-belt-Guide-160218.pdf>.
9. Regular water sprinkling shall be done in order to suppress the dust inside the premises.
10. Any source of emission other than that mentioned in the Air Consent seeking application will not be permitted by the Board.
11. Industry shall submit Environmental Statement in prescribed format in Form V of rule 14 of E.P. Rules 1986.
12. This consent order is valid up to dated 31.07.2025 for production of above mentioned product. Industry shall obtain prior approval before making any modification in product/process /fuel / plant machinery failing which consent would be deemed void.
13. Industry shall comply the conditions imposed in the CTE already issued as well as previous CTO.
14. Industry shall comply with the various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, and various Rules under E.P. Act 1986.
15. Industry shall submit audited balance sheet to verify the CTO fee within one month.
16. Industry shall comply the order passed by Hon'ble NGT in O.A. No. 55/2019 (WZ) Gajubha Jesar Jadeja V/s Union of India and Others.

Board reserves its right for amendment or cancellation of any of the conditions specified above at any time in case the Hospital is found violating any of the conditions of the consent under Air (Prevention & Control of Pollution) Act, 1981 as amended time to time. Hospital is directed to submit the first compliance report of above mentioned specific and general conditions to the Board within one month.

Issued with the permission of competent authority.

For and on behalf of U.P. Pollution Control Board .  
TRILOKI NATH  
SINGH  
REGIONAL OFFICER  
Digitally signed by TRILOKI NATH SINGH  
Date: 2021.10.21 22:10:26  
+05'30'





# UTTAR PRADESH POLLUTION CONTROL BOARD

Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

## CONSENT ORDER

Ref No. -

138461/UPPCB/Sonebhadra(UPPCBRO)/CTO/w  
ater/MIRZAPUR/2021

Dated : 21/10/2021

To,

Shri KAILASH NATH AGRAWAL

M/s MAA MAHAMAYA ALLOYS PVT LTD (UNIT 2)

VILL. DUMDUMA, CHUNAR, DISTRICT-MIRZAPUR(U.P.)-231304

MIRZAPUR

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. MAA MAHAMAYA ALLOYS PVT LTD (UNIT 2)

Reference Application No :13655992

Dated :21/10/2021

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act, 1974 as amended (here in after referred as the act ) M/s. MAA MAHAMAYA ALLOYS PVT LTD (UNIT 2) is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in reference to their foresaid application .
2. This consent is valid for the period from 21/10/2021 to 31/07/2025 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

TRILOKI NATH  
SINGH  
REGIONAL OFFICER

Digitally signed by TRILOKI NATH SINGH  
Date: 2021.10.21 22:09:19  
+05'30'

Enclosed : As above  
(condition of consent):

Copy to: CHIEF ENVIRONMENTAL OFFICER (C-2), U.P. POLLUTION CONTROL BOARD, T.C.  
12, VIBHUI KHAND, GOMATI NAGAR, LUCKNOW

REGIONAL OFFICER



## U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent Issued to M/s.MAA MAHAMAYA ALLOYS PVT LTD (UNIT 2) vide

Consent Order No. 13655992/ Water

Dated : 21/10/2021

### CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Sariya, Gatar& Ingal @120MT/Day.
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge, KL/day	Treatment facility and discharge point

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain.
- 4(a) The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent :

Domestic Effluent		
S.No	Parameter	Standard

- 4(b). The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms.

Industrial Effluent		
S.No	Parameter	Standard

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act, 1986 or otherwise mandatory.
6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry.
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained.
9. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

### Specific Conditions:

.....CTO WATER...

1. This Consent to Operate is granted to M/s Maa Mahamaaya Alloys Pvt. Ltd (Unit-2), Village-Dumduma, Tehsil-Chunar, Distt.-Mirzapur for production of Sariya, Gatar& Ingal @120MT/Day.
2. Industry shall recycle the water use fro quenching of rolled material no effluent shall be discharge at any cost.
3. The Industry shall ensure good house-keeping.
4. The Industry shall comply The Hazardous and other Waste (Management and Trans-boundary Movement) Rules, 2016 (as amended), The Solid Waste Management Rules, 2016 (as amended), The Noise Pollution (Regulation and Control) Rules, 2000 (as amended).
5. The industry shall be operated in such a way that there is no harm to the nearby environment.
6. The directions issued by the Hon'ble NGT/Court/CPCB/UPPCB shall be completely complied with.
7. A thick green belt of trees of suitable species able to attain 8-10 meter height on maturity shall be developed in multi lineate staggered manner on a minimum 33% of the land on which the industry is established. as per the "Protocol for Development of Green Belt" notified vide Board Office Order No.H16405/220/2018/02 dated.16.02.2018 in this regard and available at URL <http://www.uppcb.com/pdf/Green-belt-Guide-160218.pdf>.
8. Regular water-sprinkling shall be done in order to suppress the dust inside the premises.
9. Industry shall submit Environmental Statement in prescribed format in Form V of rule 14 of E.P Rules 1986.
10. This consent order is valid up to dated 31.07.2025 for production of above mentioned product. Industry shall obtain prior approval before making any modification in product/process /fuel/ plant machinery failing which consent would be deemed void.
11. Industry shall comply the conditions imposed in the CTE already issued as well as previous CTO.
12. Industry shall comply with the various provisions of Water (Prevention and Control of Pollution) Act 1974 as amended, and various Rules under E.P. Act 1986.
13. Industry shall submit audited balance sheet to verify the CTO fee within one month.
14. Industry shall comply the order passed by Hon'ble NGT in O.A. No. 55/2019 (WZ) Gajubha Jesar Jadeja V/s Union of India and Others.
15. Industry shall obtain NOC for Ground water abstraction from CGWA and submit it within 02 months.
16. No Industrial waste shall be discharged outside the premises.

Board reserves its right for amendment or cancellation of any of the conditions specified above at any time in case the Hospital is found violating any of the conditions of the consent under Water (Prevention & Control of Pollution) Act, 1974 as amended time to time. Hospital is directed to submit the first compliance report of above mentioned specific and general conditions to the Board within one month.

Issued with the permission of competent authority.

For and on behalf of U.P. Pollution Control Board .  
TRILOKI NATH  
SINGH  
REGIONAL OFFICER  
Digitally signed by TRILOKI NATH SINGH  
Date: 2021.10.21 22:09:38 +0530





# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)  
Email: [info@elespl.co.in](mailto:info@elespl.co.in) ; [eles.ranchi@gmail.com](mailto:eles.ranchi@gmail.com)  
GST NO.- 20AAECE9713D1Z4 0651-2290103

**ENGINEERING SERVICES PVT. LTD.**

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015

NABL Accredited & JSPCB Certified Lab. for

Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No.	: ELES/RNC/2022/0971	Report Release Date	: 29.04.2022
<b>CUSTOMER DETAILS</b>		<b>SAMPLE DETAILS</b>	
Customer Name	: M/s Maa Mahamaya Alloys Pvt.Ltd.	Sampling Date	: 22.03.2022 to 23.03.2022
Address	: Dumduma, Jangi Road, Chunar, Uttar Pradesh-231304.	Sampling Received Date	: 25.03.2022
		Type of Sample	: Ambient Noise
		Sampling procedure	: ELES/DOC/SMPL/03
		Sample Drawn By	: ELES Pvt. Ltd.
Plant Status	: Operational	Period of Analysis	: 25.03.2022 to 09.04.2022

## METEOROLOGICAL INFORMATION

1	Average Temperature (°C)	: 37	2	Barometric Pressure (mmHg)	: 744
3	Relative Humidity (%)	: 52	4	Weather Condition	: Clear

Location	Unit	Test Protocol	Result			Regulatory Limit
Near Office Area	dB(A)	IS 9989:1981, RA 2001	L <sub>Max</sub>	L <sub>Min</sub>	L <sub>eq</sub>	75 dB(A) Day Time & 70 dB(A) Night Time
Sample ID: ELES/RNC/2022/AN/0596			59.0	38.9	53	
Near Main Gate	dB(A)	IS 9989:1981, RA 2001	L <sub>Max</sub>	L <sub>Min</sub>	L <sub>eq</sub>	
Sample ID: ELES/RNC/2022/AN/0597			70.5	42.2	66	
Back Side of Plant	dB(A)	IS 9989:1981, RA 2001	L <sub>Max</sub>	L <sub>Min</sub>	L <sub>eq</sub>	
Sample ID: ELES/RNC/2022/AN/0598			77.1	49.0	68	

Authorised Signatory

Dr. Deependra Kumar Sinha  
Ph. D. Environmental Engg.  
ELES Pvt. Ltd. Technical Manager

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

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).

INTERVIEW LAB - PLOT NO.- 2/30 VINEET KHAND, CONTINAGAR, BILKHOWA (U.P.) 226000  
CONTACT NO - 0522-4027720, 41-9991289451 (Email - [info@elespl.co.in](mailto:info@elespl.co.in))

"Saving Environment will only save the future"





# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)

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

GST NO.- 20AAECE9713D1Z4 0651-2290103

ENGINEERING SERVICES PVT. LTD.

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015

NABL Accredited & JSPCB Certified Lab. for

Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2022/0969		Report Release Date : 29.04.2022	
CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: M/s Maa Mahamaya Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2022/SM/0602
Address	: Dumduma, Jangi Road, Chunar, Uttar Pradesh-231304.	Location	: Induction Furnace
		Sampling Date	: 23.03.2022
		Sample Received Date	: 25.03.2022
Plant Status	: Operational	Type of Sample	: Flue Gas
		Sampling Procedure	: ELES/DOC/SMPL/02(A)
Period of Analysis	: 25.03.2022 to 09.04.2022	Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

<b>GENERAL INFORMATION</b>	
1	Particular of the Plant : Steel Making Plant
2	Emission Due to : Heating
3	Stack Connected to : Induction Furnace
4	Material of Construction of Duct : M.S
5	Stack Height from Ground Level (m) : 33.5
6	Height of Sampling Port from Ground Level (m) : 8.0
7	Inner Diameter of Stack at Sampling Point (m) : 0.86
8	Shape of the Stack : Circular
9	Working Load of the Stack : N/A
10	Pollution Control System : Bag Filter
11	Ladder & Platform : Permanent

<b>FUEL CHARACTERISTICS DETAILS</b>	
1	Type of Fuel Used : Electricity
2	Fuel Consumption : N/A
3	Calorific Value of Fuel (Kcal/Kg) : N/A

## Page 1 of 2

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).

LUCKNOW LAB - PLOT NO- 2/30 VINEET KHAND, GOVTINAGAR, LUCKNOW (U.P) 226110

CONTACT NO - 0522-4027720, 91-993-289450 (Email: [info@elespl.co.in](mailto:info@elespl.co.in))

"Saving Environment will only save the Future"



# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)

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

GST NO.- 20AAECE9713D1Z4 0651-2290103

ENGINEERING SERVICES PVT. LTD.

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015

NABL Accredited & JSPCB Certified Lab. for

Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2022/0969	Report Release Date : 29.04.2022
--------------------------------------	----------------------------------

Parameter	Unit	Test Protocol	Result
Particulate Matter (PM)	mg/Nm <sup>3</sup>	IS 11255(Part 1):1985: RA 2014	22
Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	USEPA 2008 (Method-7E)	BDL (LDL:1.0)
Sulphur Di-Oxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	USEPA 6A	BDL (LDL:1.0)
Flue Gas Temperature	°C	IS 11255 (Part 3): 2008; RA 2018	187
Barometric Pressure	mmHg	IS 11255 (Part 3): 2008; RA 2018	742
Velocity of Flue Gas	m/sec	IS 11255 (Part 3): 2008; RA 2018	8.36
Quantity of Gas Flow	Nm <sup>3</sup> /hr	IS 11255 (Part 3): 2008; RA 2018	10938

Authorised Signatory

Dr. Deependra Kumar Sinha  
Ph. D. Environmental Engg.  
ELES Pvt. Ltd. Technical Manager

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

## Page 2 of 2

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).

LUCKNOW LAB: PLOT NO- 7/30 WINEET KHANE, COMPTONAGAR, LUCKNOW (U.P.) 226010

CONTACT NO- 0522-4027720-431-9991/989451 (Email: [info@elespl.co.in](mailto:info@elespl.co.in))

"Saving Environment will only save the Future"





# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)  
Email: [info@elespl.co.in](mailto:info@elespl.co.in) ; [eles.ranchi@gmail.com](mailto:eles.ranchi@gmail.com)  
GST NO.- 20AAECE9713D1Z4 0651-2290103

ENGINEERING SERVICES PVT. LTD.

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015  
NABL Accreditation & JSPCB Certified Lab. for  
Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No.	: ELES/RNC/2022/0966	Report Release Date	: 29.04.2022
CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: M/s Maa Mahamaya Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2022/SM/0599
Address	: Dumduma, Jangi Road, Chunar, Uttar Pradesh-231304.	Location	: Rolling Mill A
Plant Status	: Operational	Sampling Date	: 22.03.2022
Period of Analysis	: 25.03.2022 to 09.04.2022	Sample Received Date	: 25.03.2022
		Type of Sample	: Flue Gas
		Sampling Procedure	: ELES/DOC/SMPL/02(A)
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

## GENERAL INFORMATION

1	Particular of the Plant	: Rolling Mill section
2	Emission Due to	: Burning of Coal
3	Stack Connected to	: Rolling Mill A
4	Material of Construction of Duct	: M.S
5	Stack Height from Ground Level (m)	: 33.5
6	Height of Sampling Port from Ground Level (m)	: 11.0
7	Inner Diameter of Stack at Sampling Point (m)	: 0.86
8	Shape of the Stack	: Circular
9	Working Load of the Stack	: N/A
10	Pollution Control System	: Bag Filter
11	Ladder & Platform	: Permanent

## FUEL CHARACTERISTICS DETAILS

1	Type of Fuel Used	: Coal
2	Fuel Consumption	: N/A
3	Calorific Value of Fuel (Kcal/Kg)	: 6500-7000

## Page 1 of 2

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).

LUCKNOW LAB: PLOT NO.- 2/30, VINET CHAND, COMINAGAR, LUCKNOW (U.P.) 226010

CONTACT NO.- 0522-4027720, 0522-9931291/51 (Email: [info@elespl.co.in](mailto:info@elespl.co.in))

"Saving Environment will only save the future"





## ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)

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

GST NO.- 20AAECE9713D1Z4 0651-2290103

## ENGINEERING SERVICES PVT. LTD.

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015

NABL Accreditation & JSPCB Certified Lab. for

Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

### TEST REPORT

Test Report No. : ELES/RNC/2022/0966	Report Release Date : 29.04.2022
--------------------------------------	----------------------------------

Parameter	Unit	Test Protocol	Result
Particulate Matter (PM)	mg/Nm <sup>3</sup>	IS 11255(Part 1):1985; RA 2014	47
Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	USEPA 2008 (Method-7E)	132
Sulphur Di-Oxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	USEPA 6A	86
Flue Gas Temperature	°C	IS 11255 (Part 3): 2008; RA 2018	90
Barometric Pressure	mmHg	IS 11255 (Part 3): 2008; RA 2018	744
Velocity of Flue Gas	m/sec	IS 11255 (Part 3): 2008; RA 2018	6.93
Quantity of Gas Flow	Nm <sup>3</sup> /hr	IS 11255 (Part 3): 2008; RA 2018	10944

Authorised Signatory

Dr. Deependra Kumar Sinha  
Ph. D. Environmental Engg.  
ELES Pvt. Ltd. Technical Manager

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

### Page 2 of 2

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).

LABORATORY - PLOT NO- 2/30, VINET KHAND, GOMTINAGAR, HATIA, RANCHI (JHARKHAND)

CONTACT NO:- 0651-2290103, 0651-2290104 (Email: [info@elespl.co.in](mailto:info@elespl.co.in))

"Save the Environment will only save the Future"



# ENVIRONMENTAL LABORATORIES &

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)  
Email: [info@elespl.co.in](mailto:info@elespl.co.in); [eles.ranchi@gmail.com](mailto:eles.ranchi@gmail.com)  
GST NO.- 20AAECE9713D1Z4 0651-2290103

**ENGINEERING SERVICES PVT. LTD.**

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015  
NABL Accreditation & JSPCB Certified Lab. for  
Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No.	: ELES/RNC/2022/0970	Report Release Date	: 29.04.2022
<b>CUSTOMER DETAILS</b>		<b>SAMPLE DETAILS</b>	
Customer Name	: M/s Maa Mahamaya Alloys Pvt.Ltd.	Sampling Date	: 22.03.2022 to 23.03.2022
Address	: Dumduma, Jangi Road, Chunar, Uttar Pradesh-231304.	Sample Received Date	: 25.03.2022
		Type of Sample	: Ambient Air
		Sampling Procedure	: ELES/DOC/SMPL/02
		Sample Drawn By	: ELES Pvt. Ltd.
Plant Status	: Operational	Period of Analysis	: 25.03.2022 to 09.04.2022
<b>METEOROLOGICAL INFORMATION</b>			
1	Average Temperature (°C) : 37	2	Barometric Pressure (mmHg) : 744
3	Relative Humidity (%) : 52	4	Weather Condition : Clear

Parameters			Particulate Matter (PM10)		Fine Particulate Matter (PM2.5)		Sulphur Di-Oxide (SO <sub>2</sub> )		Nitrogen Di-Oxide (NO <sub>2</sub> )	
Test Protocol			IS 5182 (P-23)		USEPA CFR40		IS 5182 (P-2)		IS 5182 (P-6)	
Locations	Limit	Unit	100	µg/m <sup>3</sup>	60	µg/m <sup>3</sup>	80	µg/m <sup>3</sup>	80	µg/m <sup>3</sup>
Near Main Gate	10:09 – 14:15		68		34		9.2		23.0	
	14:15 – 18:04						8.0		21.2	
	18:10 – 22:19		55				7.1		19.0	
	22:19 – 02:08						6.3		17.5	
	02:14 – 06:20		64				8.4		20.3	
	06:20 – 10:09						9.0		21.1	
Sample ID ELES/RNC/2022/AA/0593	Average		62		34		8.0		20.4	
Near Office Area	10:21 – 14:26		77		38		8.8		20.7	
	14:26 – 18:16						7.0		19.3	
	18:22 – 22:27		52				5.2		14.7	
	22:27 – 02:16						7.3		19.8	
	02:21 – 06:25		68				8.9		21.2	
	06:25 – 10:14						10.3		24.9	
Sample ID ELES/RNC/2022/AA/0594	Average		66		38		7.9		20.1	

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).





# ENVIRONMENTAL LABORATORIES &

ENGINEERING SERVICES PVT. LTD.

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)  
Email: [info@elespl.co.in](mailto:info@elespl.co.in); [eles.ranchi@gmail.com](mailto:eles.ranchi@gmail.com)  
GST NO.- 20AAECE9713D1Z4 0651-2290103

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015  
NABL Accredited & JSPCB Certified Lab. for  
Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2022/0970 Report Release Date : 29.04.2022

Parameters			Particulate Matter (PM10)		Fine Particulate Matter (PM2.5)		Sulphur Di-Oxide (SO <sub>2</sub> )		Nitrogen Di-Oxide (NO <sub>2</sub> )	
Test Protocol			IS 5182 (P-23)		USEPA CFR40		IS 5182 (P-2)		IS 5182 (P-6)	
Locations	Limit	Unit	100	µg/m <sup>3</sup>	60	µg/m <sup>3</sup>	80	µg/m <sup>3</sup>	80	µg/m <sup>3</sup>
Back Side of Plant	10:47 – 14:52		88		45		6.5		19.0	
	14:52 – 18:41						7.3		20.3	
	18:46 – 22:53		71				5.4		14.7	
	22:53 – 02:43						10.3		26.1	
	02:49 – 06:55		80				9.5		23.0	
	06:55 – 10:45						8.1		21.7	
Sample ID ELES/RNC/2022/AA/0595	Average		79		45		7.8		20.8	

Authorised Signatory

Dr. Deependra Kumar Sinha  
Ph. D. Environmental Engg.  
ELES Pvt. Ltd. Technical Manager

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

Page 2 of 2

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable), BDL (Below Detection Limit), LDL (Lower Detection Limit).

LUCKNOW LAB: PLOT NO.- 2/30, VINET (KHAND) GOMTINAGAR, LUCKNOW (U.P.) 226010

CONTACT NO.- 0522-4027721, 431-9931783451 (E-mail: [info@elespl.co.in](mailto:info@elespl.co.in))

"Saving Environment will only save the Future"





# ENVIRONMENTAL LABORATORIES & ENGINEERING SERVICES PVT. LTD.

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)

Email: [info@elespl.co.in](mailto:info@elespl.co.in) ; [eles.ranchi@gmail.com](mailto:eles.ranchi@gmail.com)  
GST NO.- 20AAECE9713D1Z4 0651-2290103

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015

NABL Accreditation & JSPCB Certified Lab. for

Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2022/0968	Report Release Date : 29.04.2022
--------------------------------------	----------------------------------

CUSTOMER DETAILS		SAMPLE DETAILS	
Customer Name	: M/s Maa Mahamaya Alloys Pvt. Ltd.	Sample Ref. No.	: ELES/RNC/2022/SM/0601
Address	: Dumduma, Jangi Road, Chunar, Uttar Pradesh-231304.	Location	: Rolling Mill C
Plant Status	: Operational	Sampling Date	: 23.03.2022
Period of Analysis	: 25.03.2022 to 09.04.2022	Sample Received Date	: 25.03.2022
		Type of Sample	: Flue Gas
		Sampling Procedure	: ELES/DOC/SMPL/02(A)
		Sample Drawn By	: ELES Pvt. Ltd.
		Sample Condition	: Sealed & Preserved

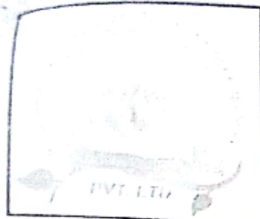
## GENERAL INFORMATION

1	Particular of the Plant	: Rolling Mill section
2	Emission Due to	: Burning of Coal
3	Stack Connected to	: Rolling Mill C
4	Material of Construction of Duct	: M.S
5	Stack Height from Ground Level (m)	: 33.5
6	Height of Sampling Port from Ground Level (m)	: 12.0
7	Inner Diameter of Stack at Sampling Point (m)	: 1.2
8	Shape of the Stack	: Circular
9	Working Load of the Stack	: N/A
10	Pollution Control System	: Bag Filter
11	Ladder & Platform	: Permanent

## FUEL CHARACTERISTICS DETAILS

1	Type of Fuel Used	: Coal
2	Fuel Consumption	: N/A
3	Calorific Value of Fuel (Kcal/Kg)	: 6500 – 7000

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).



# ENVIRONMENTAL LABORATORIES & ENGINEERING SERVICES PVT. LTD.

PLOT NO-30, MANSAROVAR ENCLAVE, TUPUDANA,  
HATIA, RANCHI-834003 (JHARKHAND)  
Email: [info@elespl.co.in](mailto:info@elespl.co.in) ; [eles.ranchi@gmail.com](mailto:eles.ranchi@gmail.com)  
GST NO.- 20AAECE9713D124 0651-2290103

Certified with ISO 9001:2015, ISO: 45001:2018, ISO 14001:2015  
NABL Accredited & JSPCB Certified Lab. for  
Environmental Pollution Monitoring & Analysis

CIN: U74999JH2018PTC011125

## TEST REPORT

Test Report No. : ELES/RNC/2022/0968	Report Release Date : 29.04.2022
--------------------------------------	----------------------------------

Parameter	Unit	Test Protocol	Result
Particulate Matter (PM)	mg/Nm <sup>3</sup>	IS 11255(Part 1):1985; RA 2014	49
Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	USEPA 2008 (Method-7E)	138
Sulphur Di-Oxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	USEPA 6A	81
Flue Gas Temperature	°C	IS 11255 (Part 3): 2008; RA 2018	96
Barometric Pressure	mmHg	IS 11255 (Part 3): 2008; RA 2018	742
Velocity of Flue Gas	m/sec	IS 11255 (Part 3): 2008; RA 2018	7.59
Quantity of Gas Flow	Nm <sup>3</sup> /hr	IS 11255 (Part 3): 2008; RA 2018	15481

Authorised Signatory  
Dr. Deependra Kumar Sinha  
Ph. D. Environmental Engg.  
ELES Pvt. Ltd. Technical Manager

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

## Page 2 of 2

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 mentioned in Test Report is in 24hours format. Abbreviation used: N/A (Not Applicable); BDL (Below Detection Limit); LDL (Lower Detection Limit).

LABORATORY: PLOT NO. 3/EC VINEET KHAND, GOMTINAGAR, LIC ROW, RANCHI-834003

CONTACT NO.- 0522-4027771, 491-9991289451 (Email: [info@elespl.co.in](mailto:info@elespl.co.in))

Saving Environment will only save the future



मेसर्स माँ महामाया इस्पात एवं एलॉयज प्राईवेट लिमिटेड, ग्राम-दुमदुमा, तहसील-चुनार, जनपद-मीरजापुर के सम्बन्ध में मा0 उच्च न्यायालय, इलाहाबाद में योजित Civil Misc. Writ Petition PIL Notice No. 50670 of 2021 रवि कुमार बनाम् उ0प्र0 सरकार व अन्य में जारी Instructions के परिप्रेक्ष्य में संयुक्त निरीक्षण आख्या :-

उपरोक्त प्रश्नगत उद्योग का निरीक्षण उप जिलाधिकारी, चुनार, मीरजापुर के साथ दिनांक 13.12.2021 को किया गया। निरीक्षण के समय श्री कैलाशनाथ अग्रवाल, निदेशक उद्योग प्रतिनिधि के रूप में उपस्थित थे। निरीक्षण के समय पाये गये तथ्यों तथा उद्योग प्रतिनिधि से हुई वार्ता एवं कार्यालय में उपलब्ध को समेकित करते हुए विस्तृत निरीक्षण आख्या निम्नवत् है:-

1. यह प्रश्नगत उद्योग की स्थापना ग्राम-दुमदुमा, तहसील-चुनार, जनपद-मीरजापुर की आराजी संख्या-146 पर स्थापित एवं संचालित है।
2. यह कि प्रश्नगत उद्योग स्थल का जिओ को-आर्डिनेट्स 25.093366 अक्षांश एवं 82.888742 देशान्तर है।
3. यह कि उद्योग में उत्पादन हेतु 04 वर्किंग इण्डक्शन फर्नेश एवं 04 स्टैण्डबाई इण्डक्शन फर्नेश स्थापित है। चारो इण्डक्शन फर्नेश की संयुक्त उत्पादन क्षमता 210 मिट्रिक टन/दिन की है।
4. यह कि औद्योगिक प्रक्रिया के फलस्वरूप उत्पन्न उत्सर्जन के नियंत्रण हेतु उद्योग द्वारा प्रत्येक 02 फर्नेश के साथ भूवेवल हुड एवं डक्टिंग पाईप तथा आई0डी0 फैन की स्थापना की गयी है। सभी फर्नेश के साथ संयुक्त रूप से साइक्लोन डस्ट कलेक्टर तथा भू-तल से लगभग 30 मी0 ऊँची चिमनी स्थापित है।
5. यह कि उक्त के अतिरिक्त उद्योग में 500 के0वी0ए0 क्षमता का 01 अदद, साईलेन्ट डी0जी0 सेट स्थापित है, जिससे संलग्न एग्जास्ट की केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा जारी गाईडलाईन के अनुरूप है।
6. यह कि उक्त उद्योग की औद्योगिक प्रक्रिया में जल का प्रयोग मात्र घरेलू प्रयोजनार्थ किया जाता है। उद्योग में घरेलू प्रयोजन से जनित घरेलू उत्प्रवाह के निस्तारण हेतु सोकपिट/सेप्टिक टैंक की व्यवस्था स्थापित है।
7. यह कि निरीक्षण में पाया गया कि उद्योग में रॉ मटेरियल हैण्डलिंग, स्पंज आयरन हैण्डलिंग एवं रॉ मटेरियल स्टोरेज साईट कच्चा होने के कारण प्रक्रिया उत्सर्जन के मुख्य श्रोत के रूप में चिन्हित किया गया तथा यह पाया गया कि उक्त स्थल पर पानी का छिड़काव किया गया है। पानी का छिड़काव नहीं होने की स्थिति में उद्योग के औद्योगिक प्रक्रिया से जनित स्टैक उत्सर्जन से अधिक प्रक्रिया उत्सर्जन से आस-पास का परिवेशीय वायु गुणता प्रभावित होना सम्भावित है। उपस्थित उद्योग प्रतिनिधि को निर्देश दिये गये कि उक्त क्षेत्र में पानी का लगातार छिड़काव किया जाये, जिससे कि प्रक्रिया उत्सर्जन से आस-पास का जन-स्वास्थ्य किसी भी रूप में प्रभावित न हो।
8. यह कि प्रश्नगत उद्योग परिसर में उत्पादित इंगट्स का मुख्य कच्चे माल के रूप में प्रयोग कर रोलिंग मिल्स के माध्यम से सरिया, फ्लैट एवं एंगल का उत्पादन किया जाता है, जिसकी उत्पादन क्षमता 840 मी0टन/दिन है।
9. उद्योग में 04 रोलिंग मिल स्थापित है, जिनकी रोलिंग क्षमता क्रमशः 450, 240, 120 एवं 30 मिट्रिक टन/दिन है।
10. यह कि 240 टन/दिन क्षमता की रोलिंग मिल इण्डक्शन फर्नेश से संयोजित है, जिसमें ईंधन का प्रयोग रोलिंग हेतु नहीं किया जाता है। इण्डक्शन फर्नेश से उत्पादित इंगट्स गरम अवस्था में सीधे रोलिंग मिल में जाता है, जिससे सरिया, फ्लैट एवं इंगट्स का उत्पादन किया जाता है। अवशेष 03 रोलिंग मिल्स में कोयला ईंधन के रूप में प्रयोग किया जाता है। अभिलेखों में संलग्न सूचनानुसार प्रतिदिन कोयले की खपत लगभग 20 टन/दिन का है। रोलिंग मिल में इंगट्स को गरम करने हेतु कोल फायर्ड गैसीय फायर्ड का प्रयोग किया जात है, जिससे जनित गैस रोलिंग मिल्स के फर्नेश में प्रयोग किया जाता है। गैसीय फायर्ड से किसी भी तरह का उत्सर्जन नहीं होता है। गैसीय फायर्ड से जनित स्लज सूखाने के बाद पुनः प्रयोग हेतु विक्रय किया जाता है।
11. यह कि उद्योग स्थल से उत्तर दिशा में लगभग 10.0 एकड़ क्षेत्रफल में मेसर्स माँ महामाया इस्पात एण्ड एलॉयज प्रा0लि0, दुमदुमा, चुनार, मीरजापुर में स्थापित किया जाना प्रस्तावित है। प्रश्नगत प्रस्तावित उद्योग में परिसर में उत्पादित इंगट्स/बिलेट्स का मुख्य कच्चे माल के रूप में प्रयोग कर माईल्ड स्टील चैनल एंगल, गाटर, पाईप इत्यादि का उत्पादन किया जाना प्रस्तावित है, जिओ को-आर्डिनेट्स 25.095410 अक्षांश एवं 82.886116 देशान्तर है।

क्रमशः 2/-पर .....



12. यह कि प्रस्तावित उद्योग में बिलेट्स से एम0एस0 के प्रोडक्ट्स बनाने हेतु गैसीय फायर्ड की स्थापना की जायेगी, जिसमें कोयला ईंधन के रूप में प्रयोग किया जायेगा।
13. यह कि प्रश्नगत उद्योग स्थल पर विकास कार्य किया जाता पाया गया।
14. यह कि उद्योग के विरुद्ध आस-पास के ग्रामीणों द्वारा प्रेषित शिकायत के परिप्रेक्ष्य में तथा मा0 उच्च न्यायालय में योजित याचिका Civil Misc. Writ Petition PIL Notice No. 50670 of 2021 रवि कुमार बनाम् उ0प्र0 सरकार व अन्य में जारी Instructions हेतु आस-पास के ग्रामीणों से वार्ता की गयी। उनके द्वारा अवगत कराया गया कि उनके घरेलू उत्प्राह के नाली को अवरुद्ध करते हुए उद्योग का निर्माण किया जा रहा है तथा फैक्ट्री से जनित वायु प्रदूषण से आस-पास के लोगों के जन-स्वास्थ्य पर प्रभाव पड़ रहा है। वार्ता में उद्योग प्रतिनिधि भी सम्मिलित थे। उद्योग प्रतिनिधि द्वारा ग्रामीणों को अवगत कराया गया कि उनकी कॉलोनी से आने वाला घरेलू उत्प्राह अवैध रूप से मेरे द्वारा खरीदे गये प्लाट से होकर गुजरता है। मेरे द्वारा उक्त नाले को अवरुद्ध नहीं करते हुए अण्डरग्राउण्ड पाईपालाईन से मुख्य नाले में जोड़ दिया जायेगा, तो आपकी समस्याओं का निराकरण हो जायेगा। उद्योग प्रतिनिधि द्वारा यह भी अवगत कराया गया कि उद्योग की स्थापना के स्थापना वर्ष 2003 में मात्र 02-04 घर की आबादी थी, परन्तु धीरे-धीरे उद्योग में कार्य करने वाले श्रमिकों आवश्यक सुविधायें देने वाले दुकानदारों एवं अन्य लोग उद्योग के आस-पास अपना आवास बनाते जा रहे हैं और उद्योग के विरुद्ध षड़यंत्र रच कर झूठे मुकदमें एवं झूठी शिकायतें करते रहते हैं, जिससे उद्योग संचालन में काफी कठिनाई आ रही है। ग्रामीणों की जो भी समस्यायें हैं उनका निदान मेरे स्तर से सम्भव होगा, तो अपनी क्षमतानुसार प्रयास करेंगे।
15. मा0 उच्च न्यायालय में योजित वाद मुख्य रूप से उद्योग परिसर से सटे आस-पास के घरों से निकलने वाले जलीय उत्प्राह का निस्तारण से सम्बन्धित है। निरीक्षण दिनांक 13.12.2021 को आस-पास के ग्रामीणों एवं उद्योग प्रतिनिधि के साथ निरीक्षण में पाया गया कि आस-पास के घरों का पानी उद्योग परिसर के विस्तारीकृत भाग में निस्तारित करने से सम्बन्धित है। ग्रामीणों का कहना था कि उद्योग द्वारा उक्त स्थल पर उद्योग का निर्माण किये जाने से जलीय उत्प्राह अवरुद्ध हो जायेगा, जबकि उक्त स्थल उद्योग स्वामी द्वारा क्रर लिया गया है। ग्रामीणों बहाये जा रहे नाली उनके उद्योग स्थल पर बहाया जा रहा है, जिसके चलते दोनों पक्षों में द्वन्द पैदा हो रहा है। उद्योग से जनित प्रदूषण से नाली का विवाद सम्बन्धित प्रतीत नहीं होता है। उद्योग के प्रदूषण की आड़ में ग्रामीणों द्वारा उद्योग पर दबाव बनाये जाने हेतु याचिका योजित की गयी है।
16. यह कि निरीक्षण के समय ग्रामीणों की छतो पर चढ़कर उनके द्वारा की गयी शिकायत के सम्बन्ध में अवलोकन किया गया, परन्तु पाया गया कि शिकायत वायु प्रदूषण के सम्बन्ध में की गयी हैं, जो तथ्यहीन प्रतीत होती है।
17. यह कि प्रश्नगत उद्योग को राज्य बोर्ड द्वारा वायु (प्रदूषण निवारण तथ नियंत्रण) अधिनियम, 1981 की धारा-21 तथा जल (प्रदूषण निवारण तथ नियंत्रण) अधिनियम, 1974 की धारा-25/26 के अन्तर्गत क्रमशः वायु तथा जल प्राप्त है। उद्योग स्थल के पास स्थित प्रस्तावित स्थल पर विकास कार्य एवं उद्योग स्थापना से पूर्व राज्य बोर्ड द्वारा स्थापनार्थ सहमति निर्गत है।

उपरोक्त समस्त को आंकलित करने से सुस्पष्ट है कि उद्योग को राज्य बोर्ड से जारी स्थापनार्थ सहमति एवं संचालन हेतु आवश्यक सहमति जल/वायु में अधिरोपित शर्तों का अनुपालन करते हुए उद्योग के संचालन में राज्य बोर्ड को कोई आपत्ति नहीं है। भविष्य में अधिरोपित शर्तों का उल्लंघन पाये जाने पर उद्योग के विरुद्ध वायु (प्रदूषण निवारण तथ नियंत्रण) अधिनियम, 1981 के आज्ञापक प्राविधानों के अन्तर्गत कार्यवाही की जायेगी।

(नीरज प्रसाद पटेल)  
उप जिलाधिकारी,  
चुनार, मीरजापुर

(डॉ० टी०एन० सिंह)  
क्षेत्रीय अधिकारी  
उ०प्र० प्रदूषण नियंत्रण बोर्ड,  
सोनभद्र