



RAMKRISHNA FORGINGS LIMITED

PLANT- I:
PLOT NO. M-6, PHASE VI,
GAMARIA, JAMSHEDPUR-832108
JHARKHAND (INDIA)

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Ref.: RKFL/HC/23/PV/167
Date: 22.06.2023

To,
The Member Secretary,
State Level Environment Impact Assessment Authority, Jharkhand
Nursery Complex (Paudhshala Parisar),
Near Dhurwa Bus Stand, Dhurwa
Ranchi - 834004, Jharkhand

Subject: Regarding compliance of Environmental Clearance conditions of project 'Ramkrishna Forgings Limited, Plant - 1 at Plot No. M5,6, Phase VI, JIADA, Saraikela-Kharsawan, Jharkhand'

Reference: Environmental Clearance from SLEIAA, Jharkhand, Ranchi vide Letter No. EC/SEIAA/2018-19/2083/2018/710, Dated 08.11.2019

Sir,
We have obtained Environment Clearance from SEIAA, Jharkhand, Ranchi and Consent to Establish (NOC) from the concerned authority and all mandatory clearances, authorizations and permission obtained as applicable.

As per requirements of Environment (Protection) Act 1986 and various conditions of the above mentioned Environmental Clearance we are submitting the six monthly compliance reports with status for the period from 1st Oct, 2022 to 31st March 2023 to the specified authorities. The same is enclosed for your information.

Thanking you,
For, Ramkrishna Forgings Limited,


Authorised Signatory

Enclosure: Compliance Report with Annexure.

Copy To

1. **Regional Officer (ECZ),** Ministry of Environment, Forest and Climate Change
2. **The Member Secretary,** Jharkhand State Pollution Control Board, Ranchi.
3. **The Regional Officer,** Jharkhand State Pollution Control Board, Jamshedpur,

WORKS & OFFICES

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PLANT- II: 7/40, DUFFER STREET, LILUAH, HOWRAH - 711204
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PLANT III & IV: PLOT NO. N-15, 16 & NS-26, PHASE VI, INDUSTRIAL AREA, AGITYAPUR, JAMSHEDPUR -832109, JHARKHAND (INDIA)
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PLANT V: VILL: BALIGUMA, PO: KOLABERA, THANA: SARAİKELA, DIST: SARAİKELA KHARSWAN, JAMSHEDPUR -833220, JHARKHAND (INDIA) PH: (+91 657) 3984900/999
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COMPLIANCE OF ENVIRONMENTAL CLEARANCE CONDITIONS

FOR

RAMKRISHNA FORGINGS LIMITED - Plant 1: Letter No.-EC/SEIAA/2018-19/2083/2018/710

Dated 08.11.2019


SL.	CONDITION	COMPLIANCE STATUS (01 st Oct.2022- 31 st March 2023)
I. Specific Conditions		
i.	This Environmental Clearance is valid subject to the following condition below - That this project has - a. Obtained all legal rights to operate at concerned place. b. Complied with all existing concerned laws of the land and c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.	Noted and complied.
ii.	No mining/activity shall be undertaken in the forest land or deemed forest without obtaining requisite prior forest clearance	Not applicable. As the project does not involve any forest land or mining activity
iii.	This Environmental Clearance is granted subject to final outcome of Hon'able Supreme Court of India, Hon'able High Court, Hon'able NGT, MoEF& CC and any other Court of Law, if any, as may be applicable to this project	Noted and assure to comply.
iv.	Environmental Clearance is subject to obtaining prior clearance from forestry and Wildlife angle including clearance from standing committee of NBWL, as may be applicable to this project (in case any fauna occurs/is found in the Project Area or if the area involves forest land or Wildlife habitat i.e. core zone of elephant/tiger reserve etc. and or located within 10 km. of protected area)	Complied NBWL & Wildlife clearance is not required since no forest land involved and/or Wildlife habitat, National Park, Wildlife Sanctuary etc. are located within 10 Km radius In this regard please refer a certificate issued by Department of Forest, Environment and Climate Change, Jamshedpur vide letter no. 1065 dated 23.10.2019 as Annexure - A
v.	The project proponent may apply simultaneously for forest and NBWL clearance, in order to complete the formalities without undue delay, which till process or their respective merits, no rights will vest in or accrue to them unless all clearance are obtained	Complied NBWL clearance is not required since no Wildlife habitat, National Park, Wildlife Sanctuary etc. are located within 10 Km radius In this regard please refer a certificate issued by Department of Forest, Environment and Climate Change, Saraikela vide letter no. 1585 dated 03.08.2018 as Annexure - B
vi.	Only furnace oil and diesel will be used as fuel to reduce particulate emissions, which was mentioned in salient features of the	Complied Only furnace oil and diesel is used as fuel


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	Issued EC. Corrigendum Ref. Letter No.- EC/SEIAA/2018-19/2083/2018/78 dated 16.04.2022	
vii.	Efforts shall be made to reduce PM levels in the ambient air. Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration of PM are anticipated in consultation with the State Pollution Control Board (SPCB). Data on ambient air, stack and fugitive emissions shall be submitted to the SEIAA Office JSPCB and CPCB.	Complied To control the PM levels, operations kept under covered shed, pucca roads made in the premises, green cover, plantation and good housekeeping is maintained. AAQ, Stack and Fugitive Emission monitoring carried out by NABL certified M/s ELESPL duly authorized by JSPCB, Ranchi. Reports of the same is attached as Annexure-C1, C2 and C3
viii.	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks and sufficient air pollution control devices shall be provided. The emissions of particulate matter from various process units shall conform to the standards prescribed by the concerned authorities from time to time.	Complied Online continuous stack monitoring facilities for all the stacks are provided. The emissions of particulate matter from various process units conform to the standards as per norms. Report of continuous stack monitoring facilities are attached as Annexure-C6, C7
ix.	The company shall monitor the raw and treated waste water quality for trace metals and air quality at sources and ambient including routine parameters and the reports shall be submitted regularly with six monthly compliance report.	Complied All the waste water generated from the process is treated at Adityapur Waste Management-CETP duly authorized by JSPCB, Ranchi. Copy of agreement is attached as Annexure-D . No effluent is discharged outside the premises, we do maintain 'Zero Discharge' at any point of time.
x.	The company shall connect the pollution control equipment to DG set to ensure operation of these equipment during power failure. The company shall also provide interlocking system with the process equipment so that the plant automatically stops in case the pollution load exceeds the guaranteed limits.	Complied Silent type D G sets have already been installed as per the conditions and exhaust pipe raised as per the CPCB norms. Pollution control equipment connected with DG set for backup. Latest emission monitoring report carried out by M/s Environmental Laboratories and Engineering Services Pvt. Ltd. in the month of April' 2022 duly authorized by JSPCB, Ranchi is attached as Annexure-C2
xi.	The industry shall ensure that the treated effluent and stack emissions in the unit are	Complied

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	within the norms stipulated under the EP Rules or JSPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipments adopted in the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.	Conditions are being complied to meet the latest norms of EP Rules/JSPCB. Latest effluent and stack emission reports carried out by NABL certified M/s ELESPL duly authorized by JSPCB, Ranchi are attached as Annexure-C4 and C2
xii.	In-plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Dust suppression and dust extraction systems shall be provided to control fugitive emissions at material handling points. Fugitive emissions shall be controlled by providing closed storages, water sprinkling system, etc. to arrest the suspended particles.	Complied Operations kept under covered shed, pucca roads inside the premises, green cover, plantation and good housekeeping is maintained. Fixed type water sprinklers also installed at places to suppress the fugitive dust. Latest Fugitive Emission report carried out by NABL certified M/s ELESPL duly authorized by JSPCB, Ranchi is attached as Annexure-C3 All the parameters were found well within limit.
xiii.	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed. The emission standards issued by the Ministry in May, 2008 shall be followed.	Complied Operations kept under covered shed, pucca roads inside the premises, green cover, plantation and good housekeeping is maintained. Fixed type water sprinklers also installed at places to suppress the fugitive dust. Latest Fugitive Emission report carried out by NABL certified M/s ELESPL duly authorized by JSPCB, Ranchi is attached as Annexure-C3 All the parameters were found well within limit.
xiv.	Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product.	Complied Complied as per the norms. Unloading, storage, operation and loading etc. done under covered shed. All transportation roads are RCC pucca roads.
xv.	Total water requirement from ground water source shall not exceed 150 m ³ /day which was mentioned in salient features of the issued EC. Corrigendum Ref. Letter No.-	Complied Water consumption at no stage exceeds the limit i.e. 150 m ³ /day.


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	EC/SEIAA/2018-19/2083/2018/78 dated 16.04.2022	Water consumption summary from 01.10.2022 to 31.03.2023 is attached as Annexure – E.
xvi.	Prior permission for the drawl of 150 m ³ /day water from ground water source shall be obtained from the concerned department and a copy of the letter shall be submitted to this office within 6 months of issue of the environment clearance	Complied Permission already granted by CGWA vide NOC no. CGWA /NOC /IND /ORIG /2020 /7348 dated 31.01.2022. Valid up to 30.01.2025. Copy of NOC enclosed as Annexure-F
xvii.	As proposed, all the metal scrap, iron oxide and dust shall be disposed for recycle / reuse in furnaces. The domestic waste including sewage sludge shall be treated biologically and used as manure for green belt. Used/spent oil shall be sold to authorized recyclers as per the Hazardous Waste (Management, Handling & Transboundary Movement) Rules 2016 and subsequent amendments.	Complied Solid waste is used by the supplier/industries in induction furnace units as raw material. Domestic waste sewage sludge is used as manure for green belt development. Used/spent oil is sold to authorized recycler as per the norms. We have also obtained hazardous waste authorization vide letter no. JSPCB/HO/RNC/HWM-3515838/2019/8 dated 09.03.2019 valid up to 31.12.2023. Copy of the same attached as Annexure-G
xviii.	A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal.	Complied Already the latest technology with optimum utilization installed. Solid waste is used by the supplier/industries in induction furnace units as raw material.
xix.	Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding end use of solid/hazardous waste shall be submitted to the SEIAA, JSPCB and CPCB	Complied Hazardous wastes is disposed to the agency duly authorized by JSPCB. Records (Form-IV) maintained and submitted to the SEIAA, JSPCB and CPCB. Please refer Annexure – H.


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xx.	Plantation should be done over an area equal to 33% of plant area including Green Belt inside and Plantation outside the premises. Local species trees should be planted as per the CPCB guidelines	Complied Plantation is being done to comply the condition.
xxi.	Proper care shall be taken in structural design to protect against earthquake if the site falls under earthquake zone and implemented during construction phase.	Complied. Proper care has been taken in structural design. Copy of stability certificate issued by competent person approved by Chief Inspector of Factories, Jharkhand vide certificate no. JH/CIF/7/F-GEN-204/2015 dated 20.11.2021 is attached as Annexure-I .
xxii.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	No construction at present.
II. General Conditions		
i.	The project authorities must strictly adhere to the stipulations made by the Jharkhand State Pollution Control Board (JSPCB) and the State Government.	Complied. Consent to Establish obtained from JSPCB vide letter no. JSPCB/HO/RNC/CTE-7353264/2020/194 dated 13.05.2020 whereas Consent to Operate obtained vide letter no. JSPCB/HO/RNC/CTO-8118941/2020/1705 dated 10.10.2020 valid up to 30.09.2025. Copy of CTE and CTO attached as Annexure-J1 and J2
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the concerned authority/ SEIAA, Jharkhand	Complied Any expansion or modification in the plant shall not be carried out without prior approval of the concerned authority/ SEIAA, Jharkhand


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iii.	<p>The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The Jharkhand State Pollution Control Board (JSPCB) may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.</p>	<p>Complied</p> <p>The emissions from the plant controlled within the latest permissible limits.</p> <p>All measures are taken to restrict the emission level within norms. At no time the emission level is going beyond the prescribed standards.</p> <p>Latest emission monitoring report carried out by M/s Environmental Laboratories and Engineering Services Pvt. Ltd in the month of April'2022 duly authorized by JSPCB, Ranchi is attached as Annexure-C2. All parameters were found will within limit as per norms.</p>
iv.	<p>At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM, SO₂ and NO_X are anticipated in consultation with the State Pollution Control Board. Data on ambient air quality and stack emission shall be regularly submitted to this office and JSPCB / CPCB once in six months.</p>	<p>Complied</p> <p>Latest ambient air quality monitoring and stack emission monitoring reports carried out by authorized agencies of JSPCB, Ranchi are attached as Annexure-C1 and C2. All the parameters were found well within limit.</p> <p>Reports are submitted to SEIAA and JSPCB / CPCB once in six months.</p>
v.	<p>Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report</p>	<p>Complied.</p> <p>The noise level survey is carried out as per the guidelines and being submitted to Regional Officer of the Ministry as a part of six monthly compliance report. Noise level maintained within the specified limit.</p> <p>Latest noise level monitoring reports attached as Annexure-C5</p>
vi.	<p>The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986 viz. 75 dBA (day time) and 70 dBA (night time).</p>	<p>Complied.</p> <p>Ambient noise level noise level monitoring reports attached as Annexure-C5</p>

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vii.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	<p>Complied</p> <p>All the industrial waste water generated from the process is treated at Adityapur Waste Management-CETP duly authorize by JSPCB, Ranchi.</p> <p>Copy of agreement is attached as Annexure-D.</p> <p>No effluent is discharged outside the premises, we do maintain 'Zero Discharge' at any point of time.</p>
viii.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>Complied</p> <p>The overall noise level in and around the plant area maintained as per specified limit.</p> <p>Latest ambient noise level noise level monitoring reports attached as Annexure-C5</p>
ix.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. Copy of same should be submitted to this office for record	<p>Complied</p> <p>Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan has been implemented.</p> <p>Copy of existing HIRA and Emergency Preparedness is attached as Annexure – K1 & K2</p>
x.	The company shall undertake rainwater harvesting measures by collecting the rainwater through drains. The water collected shall be connected to raw water pipeline for reuse in the plant. The company shall provide proper drainage system for rainwater to prevent water logging within and in the vicinity of the plant.	<p>Complied</p> <p>Rain water harvesting plan has been developed and implemented as per drawing approval by JIADA, Adityapur, Jamshedpur dated 07.03.2020</p> <p>Copy of the same is attached as Annexure – L</p>


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xi.	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act. OHSAS certification should be obtained within two years	<p>Complied</p> <p>Occupational Health Surveillance of the employees/workers is done annually and records maintained as per the Factories Act.</p> <p>A sample copy of health checkup report is attached as Annexure-M</p> <p>Pre-employment health check-up of employees is also done. OH & S and EMS certification (ISO 45001 and 14001) obtained from Bureau Veritas valid up to 03.06.2023.</p> <p>Copy of OHSAS/EMS certification is attached as Annexure-N valid up to 03.06.2023</p>
xii.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report and during the public hearing meeting. Further, the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	<p>The environment protection measures recommended in the EIA/EMP will be strictly followed along with implementation of the project.</p> <p>CSR in the surrounding villages being carried out.</p>
xiii.	A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior Executive, who will report directly to the Head of the organization.	<p>Complied</p> <p>EHS management cell established to function independently.</p> <p>Please refer Annexure - O</p>
xiv.	Adequate funds shall be earmarked towards capital cost and recurring cost/annum for the environmental pollution control to implement the conditions stipulated by the SEIAA as well as the State Government. An implementation schedule for complying with all the conditions stipulated herein shall be submitted to the JSPCB. The funds so provided shall not be diverted for any other purposes.	Complied
xv.	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi	Complied
xvi.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila	Complied.


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	Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Submitted copy to concerned authorities and local bodies. There is no representation of NGO. Environment Clearance also been uploaded on the website at www.ramkrishanforgings.com under RKFL, certifications.
xvii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the SEIAA Office, CPCB and the JSPCB. The criteria pollutant levels namely; PM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied Status of compliance of the environment clearance conditions, including results of monitored data on our website www.ramkrishanforgings.com and it is updated periodically The criteria pollutant levels namely; PM, SO ₂ , NO _x (ambient levels as well as stack emissions) are monitored and displayed at our main gate.
xviii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Offices.	Complied The environmental statement for each financial year ending 31st March in Form-V is submitted to the JSPCB within stipulated time frame. It is also put on the website www.ramkrishanforgings.com of the company along with the status of compliance of environmental conditions and also sent to the respective Offices through compliance report. Copy of Environmental Statement for the year ending 31.03.2022 in Form – V is attached as Annexure-P
xix.	Project authorities shall inform the SEIAA Office, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Complied Information submitted to concerned authorities.
xx.	It shall be mandatory for the project management to submit (06) monthly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard copies and soft copies to the regulatory authority concerned Regional Office of MoEF& CC at Ranchi and Jharkhand State Pollution Control Board (J.S.P.C.B), Ranchi/SEIAA/CPCB	Complied Six monthly compliance reports are submitted regularly in hard copies and soft copies to the regulatory authority concerned Regional Office of MoEF& CC at Ranchi and Jharkhand State Pollution Control Board (J.S.P.C.B), Ranchi/SEIAA/CPCB in the month of June and December every year


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xxi.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986	Assure to follow the same
xxii.	The SEIAA, Jharkhand or any other competent Authority may alter modify the above conditions or stipulate any further conditions in the interest of Environment Protection.	Noted
xxiii.	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act,2010	Noted
III. Other Conditions		
i	The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason	Noted
ii	In view of MoEF& CC O.M. No.-22-27/2015-IA-III dated- 12.04.2016 The Environmental Clearance accorded shall be valid for a period of Seven (7) years. The PP shall not increase production rate and make modifications in progress during the validity of Environmental Clearance.	Noted
iii	In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required	Noted

AMK...
 22/06/2018
 PLANTS
 (Krishna Nand Dey)
 AUTHORISED SIGNATORY