



सत्यमेव जयते

File No: 9368
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA),
UTTAR PRADESH)



Dated 31/12/2024



To,

SHRI SHRINIWAS PREMCHAND DASARI
 Flat No.207, Vardhman Mayur Market at CSC Mayur Vihar Phase III ,Kondli Gharoli,East Delhi,Delhi
 ,India 110096, EAST, DELHI, 110096
 js6063476@gmail.com

Subject: Grant of EC under the provision of the EIA Notification 2006-regarding Expansion of Existing Rolling Mill from 62500 MTPA to 178500 MTPA Rebars & Wire rods through Rolling Mill & Pickling (Raw Material Blooms), at A-1 South of GT Road Industrial Area, Ghaziabad by M/s JSL Super Steel Limited.

Sir/Madam,

This is in reference to your application for Grant of EC under the provision of the EIA Notification 2006-regarding in respect of project proposed Expansion of Existing Rolling Mill from 62500 MTPA to 178500 MTPA Rebars & Wire rods through Rolling Mill & Pickling (Raw Material Blooms), at A-1 South of GT Road Industrial Area, Ghaziabad-201009 by M/s JSL Super Steel Limited. submitted to Ministry vide proposal number SIA/UP/IND1/501352/2024 dated 19/10/2024.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C1009UP5892266N
(ii) File No.	9368
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous),3(a) Metallurgical Industries (ferrous and non ferrous) proposed Expansion of Existing Rolling Mill from 62500 MTPA to 178500 MTPA Rebars & Wire rods through Rolling Mill & Pickling (Raw Material Blooms), at A-1 South of GT Road Industrial Area, Ghaziabad-201009 by M/s JSL Super Steel Limited.
(vii) Name of Project	
(viii) Name of Company/Organization	SHRINIWAS PREMCHAND DASARI
(ix) Location of Project (District, State)	GHAZIABAD, UTTAR PRADESH

(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	no
(xiii) Applicability of Specific Conditions	yes

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A and B) were submitted to the SEAC for appraisal under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEAC in its meeting held on 11-11-2024 . The minutes of the meeting and all the Application and documents submitted [(viz. Form-1 Part A, Part B, Part C EIA, EMP)] are available on PARIVESH portal which can be accessed by scanning the QR Code above.
5. The brief about configuration of plant/equipment, products and by products and salient features of the project along with environment settings, as submitted by the Project proponent in Form-1 (Part A, B and C)/EIA & EMP Reports/presented during SEAC meeting are annexed to this EC as Annexure (2).
6. The SEAC, in its meeting held on 11-11-2024 based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of EC under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of specific and general conditions as detailed in Annexure (1).
7. The SEIAA in its meeting held on 13-12-2024 has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the SEAC hereby decided to grant EC for instant proposal of Shri SHRINIWAS PREMCHAND DASARI under the provisions of EIA Notification, 2006 and as amended thereof subject to stipulation of specific as detailed in Annexure (1).
8. The SEIAA, U.P. reserves the right to stipulate additional conditions, if found necessary.
9. The EC to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. General Instructions:-
- The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.
 - The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
 - Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - The project proponent shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.
 - Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
 - The SEIAA reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.
11. This issues with the approval of the Competent Authority.

Annexure 1

Specific EC Conditions for (Metallurgical Industries (Ferrous And Non Ferrous))

1. Environmental Attributes

S. No	EC Conditions
1.1	1. Proposed Action plan for mitigation/prevention of air pollution control (APCS) based on latest

S. No	EC Conditions
	technology to be implemented to control the air emissions/fugitive emissions. In case of use of bag houses as APCs, the Project proponent should prefer installing Polytetra Fluoro Ethylene (PTFE) membrane filter 2. Proponent to implement a plan for solid & slag disposal/utilization to be adopted on the basis of the latest technology. The record of solids/slag utilization to be submitted regularly to the concerned authority. Unscientific disposal of solid/slag is not permitted. 3. The project proponent should develop green belt in the existing unit as per the plan submitted and also follow the guidelines of CPCB/Development authority as per the norms for this type of project. PP shall also ensure the survival of existing plantation in the unit. 4. Industry shall install ambient air quality monitoring stations for regular monitoring to ensure the ambient air quality standards as prescribed by the Centre Pollution Control Board. 5. Performance test shall be conducted on all pollution control system every year from competent agency and report shall be submitted to the Regional office of the MoEF&CC, Govt. of India and State Pollution Control Board. 6. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface and also provide regular water sprinklers to suppress the dust in the plant area at a dust generation source due to vehicular movement etc. 7. The project proponent shall obtain the required permissions from the concerned authority/department for expansion of the project. 8. As per the plan ZLD to be implemented whereas treated effluent shall be reused for the industrial purposes and for dust separation. No treated water shall be discharged outside the premises. 9. Proponent shall invest in Corporate Environment Responsibility (CER) as per the proposed plan and details of CER investment to be submitted to MoEF Regional Office, Govt of India along with regular Certified Compliance Report. 10. Proponent to implement a plan for solid & slag disposal/utilization to be adopted on the basis of the latest technology. The record of solids/slag utilization to be submitted regularly to the concerned authority. Unscientific disposal of solid/slag is not permitted. 11. As per the proposed plan industry should install ETP for treating the waste water and treated water shall be reused for the industrial purpose and for dust separation.
1.2	1. The project proponent shall install air controlling devices for controlling secondary emission from induction furnace. 2. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied with. 3. In any case slag shall not be disposed outside the premises.

Standard EC Conditions for (Metallurgical Industries (ferrous and non ferrous))

1. Statutory Compliance

S. No	EC Conditions
1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04/06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous and their no's.)
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
2.3	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.

S. No	EC Conditions
2.9	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/agglomeration.
2.10	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
2.11	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
2.12	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.13	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.14	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.15	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
2.16	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
2.17	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
2.18	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.19	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.

3. Air Quality Monitoring And Preservation In Case Of Ferro Alloy Plants

S. No	EC Conditions
3.1	Briquetting and Jigging plant shall be installed in Ferro Alloys Plant.
3.2	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.

S. No	EC Conditions
3.3	The 4th hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF.
3.4	Industry is going to use silica quartz in large quantities and going to produce Silico Manganese and Ferro Silicon alloy steel. Therefore, it is necessary to control silica/quartz exposures at production Departments, not only emission norms as per Indian Factories Act. The permissible limit for silica/quartz should be within 10 mg/m ³ for total dust as per Indian Factories Act. Therefore, it is recommended to monitor personal and area exposures for silica quartz dust in the process plants. (in case of Silico Manganese and Ferro Silicon alloy steel)
3.5	No Ferro-chrome production shall be carried out without prior Environmental clearance from MOEF&CC.

4. Air Quality Monitoring And Preservation In Case Of Aluminium Smelter / Aluminium Refinery

S. No	EC Conditions
4.1	Adopt measures to recover fluoride gas from electrolytic cells and recycle the same in the process.
4.2	Practice use of low-sulphur tars for baking anodes
4.3	Adopt dry scrubbing combined with incineration in order to control emissions of tar and volatile organic compounds (VOCs). The waste heat shall be recovered from the flue gases of incinerator.
4.4	Make efforts to increase the life of pot lining through better construction and operating techniques.
4.5	Recycle alumina dust collected in ESPs installed in calciner.
4.6	Design the pot roofs with louvers and roof ventilators

5. Air Quality Monitoring And Preservation In Case Of Di Pipe

S. No	EC Conditions
5.1	Ductile Iron (DI) plant shall have the following provisions: a. Bag filter for Zn coating and Mg converter area. b. Wet scrubbers in paint and bitumen coating area. c. Bag Filter in Cement lining area. d. PTFE dipped bags shall be used in the plant. e. PM emissions from BF in Zinc coating area shall be 5 mg/Nm ³ . f. ETP with recycling facility shall be included.

6. Air Quality Monitoring And Preservation In Case Of Bof

S. No	EC Conditions
6.1	Basic Oxygen Furnace (BOF) gas shall be cleaned dry

7. Water Quality Monitoring And Preservation

S. No	EC Conditions
7.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
7.2	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
7.3	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
7.4	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
7.5	Tyre washing facilities shall be provided at the entrance of the plant gates.
7.6	Water meters shall be provided at the inlet to all unit processes in the steel plants.
7.7	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
7.8	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
7.9	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
7.10	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

8. Water Quality Monitoring And Preservation In Case Of Rolling Mills

S. No	EC Conditions
8.1	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time. (in case of rolling mills)
8.2	Cold Rolling Mill (CRM), color coating and galvanizing plants shall have CETP to treat and recycle the treated water from CRM complex. Sludge generated at CRM ETP shall be sent to TSDF. (in case of cold rolling mills)

9. Water Quality Monitoring And Preservation In Case Of Aluminium Shelter

S. No	EC Conditions
9.1	Reduce water consumption in bauxite beneficiation and alumina refinery by concentrating the solids in the tailings.

10. Noise Monitoring And Prevention

S. No	EC Conditions
10.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
10.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

11. Energy Conservation Measures

S. No	EC Conditions
11.1	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
11.2	Restrict Gas flaring to < 1%.
11.3	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
11.4	Provide LED lights in their offices and residential areas.

12. Energy Conservation Measures In Case Of Reheating Furnace

S. No	EC Conditions
12.1	Ensure installation of regenerative/recuperative type burners on all reheating furnaces.
12.2	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
12.3	Practice hot charging of slabs and billets/blooms as far as possible.
12.4	Ensure installation of regenerative type burners on all reheating furnaces

13. Energy Conservation Measures In Case Of Blast Furnace

S. No	EC Conditions
13.1	Blast Furnaces shall be equipped with Top Recovery Turbine, dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.

14. Energy Conservation Measures In Case Of Dri Kilns (Sponge Iron)

S. No	EC Conditions
14.1	The project proponent shall provide waste heat recovery system on the DRI Kilns.
14.2	The dolochar generated shall be used for power generation.
14.3	Tar shall be recovered from producer gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns.
14.4	The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.

15. Waste Management

S. No	EC Conditions
15.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
15.2	Kitchen waste shall be composted or converted to biogas for further use.
15.3	Used refractories shall be recycled as far as possible.
15.4	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
15.5	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
15.6	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
15.7	Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.

16. Waste Management In Case Of Sinter Plant

S. No	EC Conditions
16.1	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.
16.2	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.
16.3	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.

17. Waste Management In Case Of Aluminium Smelter/ Aluminium Refinery

S. No	EC Conditions
17.1	A plan for 100 % utilisation of red mud generated shall be implemented. Under the Plan, MOU with shall be signed with potential buyers including cement companies for supply of red mud.
17.2	The red mud generated from the project shall be stored in the red mud pond lined with impervious clay prior to use to prevent leakage, designed as per the CPCB guidelines with proper leachate collection system. Ground water shall be monitored regularly all around the red mud disposal area and report submitted to the Regional Office of the Ministry. Proper care shall be taken to ensure no run off or seepage from the red mud disposal site to natural drainage.

18. Green Belt

S. No	EC Conditions
18.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
18.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
18.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

19. Public Hearing And Human Health Issues

S. No	EC Conditions
19.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.

S. No	EC Conditions
19.2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
19.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
19.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
19.5	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC. PP shall adopt nearby villages and prepare and implement a robust plan to develop them into model villages in next 10 years.

20. Environment Management

S. No	EC Conditions
20.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
20.2	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
20.3	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
20.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

21. Miscellaneous

S. No	EC Conditions
21.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least

S. No	EC Conditions
	in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
21.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
21.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
21.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
21.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
21.6	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
21.7	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
21.8	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
21.9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
21.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
21.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
21.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).

S. No	EC Conditions
21.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
21.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
21.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
21.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
21.17	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Annexure- 2

A presentation was made by the project proponent along with their consultant M/s Prakriti Consultants Services to SEAC on 11-11-2024.

Project Details Informed by the Project Proponent and their Consultant

The project proponent, through the documents and presentation gave following details about their project –

1. The environmental clearance is sought for Expansion of Existing Rolling Mill from 62500 MTPA to 178500 MTPA Rebars & Wire rods through Rolling Mill & Pickling (Raw Material Blooms), at A-1 South of GT Road Industrial Area, Ghaziabad by M/s JSL Super Steel Limited.
2. Salient features of the project:

S. No.	Particulars	Details		
1.	Name of Project	M/s JSL Super Steel Limited		
2.	Location	Plot No. A-1, South of GT Road Industrial Area, Ghaziabad, Uttar Pradesh, Pin code: 201009		
3.	Type of Project (New/Expansion)	Expansion		
4.	Name of Products	Expansion of Existing Rolling Mill from 62500 MTPA* to 178500 MTPA* Rebars & Wire rods through Rolling Mill & Pickling using Blooms as raw material. (* Metric Ton per Annum)		
5.	Land Area of Project	Existing Area: 84987.30 Sqr. Mtr. Existing land is sufficient for the expansion and no extra land will be acquired.		
6.	Existing Land Use	Industrial		
7.	Manpower Requirement	Proposed: 175 Existing : 105 Total Manpower after expansion : 280		
8.	Furnaces	Status	Detail	Height of Stack
		Existing	Reheating Furnace (40T/Hr)	30 m high from ground level
		Proposed	Nil	-
9.	Source of Power & Requirement	Source : UPPCL Requirement : Existing – 10 MVA : Proposed – Existing 10 MVA load is sufficient as expansion is proposed by increasing existing 1 shift working to 3 shifts working.		
10.	DG SET with capacity	Existing	DG set 625 KVA	With acoustic enclosure & 5.0 m stack height from nearest rooftop (RECD installed)
		Proposed	Nil	-
11.	Source of Water &	Source : Ground water (existing bore well) Requirement: 250 KLD (Fresh Water 149 KLD + Recycled Water 101 KLD)		

	Requirement					
12.	Nearest Surface Water Body	Hindon River : 5.0 km West.				
13.	Wastewater generation	118.0 KLD from Industrial/cooling 11.0 KLD from domestic usage.				
14.	ETP & STP Capacity	Existing ETP capacity : 1000 KLD Existing STP capacity : 20 KLD Around 118 KLD Wastewater is estimated to be generated which will be treated in existing Effluent treatment plant (ETP) of 1000 KLD capacity . Domestic wastewater will be treated in existing Sewage Treatment Plant (STP) of 20 KLD capacity.				
15.	Treated Effluent Disposal	Total Treated Effluent Generated :105 KLD Recycled Water/ Re-circulated : 101 KLD Gardening/Dust Suppression : 4.0 KLD Unit is based on Zero Liquid Discharge (ZLD) by recycling/re-circulating the wastewater after treatment. Effluent treatment plant (ETP) of 1000 KLD capacity has already been installed in the existing industry. Wastewater from domestic activity will be treated in existing Sewage Treatment Plant (STP) of 20 KLD capacity.				
16.	APCS Proposed	No New Furnace/Machines/Process house etc are proposed in the expansion project and only Existing Furnace /Machines/Process house etc will be used. Adequate Air Pollution Control equipments such as Primary and Secondary hoods, Bag Filters, ID Fans, Wet Scrubber already exists.				
		Sr. No	Source	Capacity	Control Equipment	Stack Ht.
		1	Rolling Mill Reheating Furnace	40T/Hr	Recuperator, Chimney of adequate Height	30 m
		2	Shot Blasting Machine	5 T/Hr	Bag House of adequate capacity	30 m
		3	Pickling Process	-	Wet scrubber.	30 m
		4	Boiler (Fuel LPG)	400kg/hr	-	12 m
17.	Green Belt Area	Greenbelt has been developed /being developed on 33% area i.e., approx. 28329 Sqr. Mtr.				
18.	Project Cost	Rs.1700 Lakhs				
19.	Working days	Existing		Proposed		
		330 days, one shift daily		330 days, three shifts daily		
20.	Consent to Establish (CTE)	Consent to Establish (Ref.No.178441/UPPCB/Ghaziabad(UPPCBRO)/CTE/GHAZIABAD/2023 dated 13/04/2023 ,Validity Period : 10/04/2023 to 09/04/2028 (for existing project).				
21.	Consent to Operate (CTO)	Consent to Operate (Ref.No.206070/UPPCB/Ghaziabad(UPPCBRO)/CTO/both/GHAZIABAD/2024 dated 24/05/2024 ,Validity Period : 18/04/2024 to 31/12/2024.				

3. Details of Products:

PRODUCTS	
Existing Capacity	Total Capacity (After Expansion)
62500 MTPA Wire rod & Rebars	178500 MTPA (Wire Rods =118500 MTPA +Rebars =60000 MTPA)

4. Raw Materials details:

Sl.No	Raw Material	Existing Annual	Proposed Annual	Procured from
1	Blooms	64500 MTA	184000 MTA	From Hisar Plant Haryana.
2	L.P.G Fuels	2500 MTA	5500 MTA	ND Balaji HP Gas Agency
3	Acids:			
(i)	HCL	1200 MTA	3500 MTA	Laxmi Chemical, Indore. Shenshah Chemical, Rohtak.
(ii)	HF	17 MTA	50 MTA	Chemprimeo Flourine International Pvt Ltd, Ghaziabad.
(iii)	HNO3	234 MTA	700 MTA	Sun Chemical, Ludhiana.

5. Land use details:

Particulars	Area
Total Plot area	84987.30 sq. m
Total Tin Shed Area	38234.28 sq. m
Total RCC building Area	2528.11 sq. m
Total Free Area	44224.91 sq. m

6. Solid Waste Generations and Management:

Particulars	Details	Basis	Waste generated after Expansion	Waste Handling
Municipal Solid Waste (Total after Expansion)	280 Workers	0.250 g/person	70.0 Kg/day	MSW will be segregated and disposed through Municipal Corporation.
Mill Scales	-	-	900 TPA	Auction to third party.
End Cuts & Miss Roll	-	-	2500TPA	Send to JSL Hissar for re-melting.
ETP Sludge	-	-	8925Kg/annum (27.0 kg/day)	Disposed to TSDF

7. Landscape plan:

- Total Green Area: 28329 Sqr. Mtr./ 2.8 Ha (33 % of total plot area)
- Total Trees required as per CPCB/MoEF&CC Norms@2500/Ha = 2.8 x 2500 = 7000 No's.
- The tree species with dense canopy Green belt is already developed/being developed around the main plant site covering 33% of the area of the project site.

8. Action Plan as per Ministry's O.M. dated 30/09/2020:

S. No	Activity	Years (Rs. In Lakhs)			Total Expenditure (Rs. In Lakhs)
		1 st	2 nd	3 rd	
1	Adoption of Government Girls Inter College Vijay Nagar, Sector-9, Ghaziabad, UP for basic necessities like building maintenance, sanitation, drinking water, play area, library/labs etc in consultation with school authorities.	5.0	4.5	4.5	14.0

2	Renovation & maintenance of Vivekanand Government Municipal Park which is located around 150 meters away from JSL Super Steel Limited. A letter has already been sent to Commissioner Nagar Nigam Ghaziabad in this regard.	3.5	3.5	3.5	10.5
3	Medical & health related activities (Periodical Medical Camps and distribution of Medicines in nearby areas/villages).	3.2	3.2	3.1	9.5
	Total	11.7	11.2	11.1	34.0

9. The project proposal falls under category-3(a) of EIA Notification, 2006 (as amended).

Copy, through email, for information and necessary action to –

1. **Additional Chief Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – psforest2015@gmail.com)**
2. **Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, 3rd Floor, Prithvi-Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 (email – sudheer.ch@gov.in)**
3. **Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector “H”, Aliganj, Lucknow – 226020 (email – roc.lko-mef@nic.in)**
4. **District Magistrate, Ghaziabad.**
5. **Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – ms@uppcb.in)**
6. **Copy for Guard File.**

(Ajay Kumar Sharma)
Member Secretary, SEIAA