



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), MADHYA PRADESH)

To,

The Head Manufacturing LR PC and Product Factory Manager
M/S. TATA STEEL LIMITED
Plot No. 158 and 158A, Sector-3, Pithampur Industrial Area, Tehsil and
District Dhar, M.P. -454775

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/MP/IND1/441943/2023 dated 30 Aug 2023. The particulars of the environmental
clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC24B008MP172933 |
| 2. File No. | 9913/2023 |
| 3. Project Type | New |
| 4. Category | B |
| 5. Project/Activity including
Schedule No. | 3(a) Metallurgical industries (ferrous &
non ferrous) |
| 6. Name of Project | Regularization of Existing Production
Facilities for Steel Wires of Capacity
180000 TPA [Seeking EC for
regularization of existing CTE Capacity as
per NGT Order dtd. 12.02.2020 and
MoEFCC, Notification S.O. 3250(E) dtd.
20.07.2022] At Plot No. 158 & 158A,
Sector-III, Industrial Area Pithampur,
Tehsil & District : Dhar, Madhya Pradesh
– 454775 by M/s. Tata Steel Limited |
| 7. Name of Company/Organization | M/S. TATA STEEL LIMITED |
| 8. Location of Project | MADHYA PRADESH |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

(e-signed)
Sanjeev Singh
Member Secretary
SEIAA - (MADHYA PRADESH)

Date: 19/02/2024

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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Ref: Proposal No. SIA/MP/IND1/441943/2023, Case No 9913/2023: Environment Clearance for regularization of existing production facilities for Steel wires of capacity 180000 TPA [Seeking EC for regularization of existing CTE Capacity as per NGT Order dtd. 12.02.2020 and MoEFCC, Notification S.O. 3250(E) dtd. 20.07.2022] located at 158, 158A, Sector- III, Industrial Area Pithampur, Tehsil & District-Dhar, (M.P.) by Mr. T. Sathianadhan, Head Manufacturing LR & PC, Product Factory Manager, M/S. TATA STEEL LIMITED Plot No. 158 & 158A, Sector-3, Pithampur, Dhar (MP)-454775 Email: environmentcellwirespwp@tatasteel.com Mob: 9225137704 Env't. Consultant: Anacon Laboratories Pvt. Ltd., Nagpur

With reference to the above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz. pre-feasibility, EIA report, ppt. and additional clarifications furnished in response to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

Salient feature of the project are as follows:

- i. The company "M/s. TATA Steel Limited - Wire Division" was established in 1975 to produce steel wires for various applications. Wire division is one of the profit centres. The main objective of the organization is to achieve optimum production with high safety health & environment standard.
 - ii. M/s. TATA Steel Limited - Wire Division" Pithampur MP plant started its operations in 2006, its old unit named as Indore Wire Company, acquired by Tata Steel Ltd. PWP as on 2021 is one of the well-established manufacturing unit for GWI from operational, market & financial perspective. PWP has become hub for infrastructure segment. Produces all wires of infra family like LRPC strand, single LR, PCSR etc. and is largest plant by capacity owned by GWI.
 - iii. The proposal is for a Regularization of facilities for steel wires of capacity 180000 TPA (as per CTE) located at Plot No. 158 & 158A, Industrial Area Pithampur, District: Dhar (MP) - 454775. Latitude: 22°37'57.14"N, Longitude: 75°35'50.54E".
 - iv. This is a proposal for seeking Environmental clearance for regularization of existing production facilities (as per CTE) as per MoEFCC, Notification S.O. 3250(E) dtd. 20th July, 2022.
 - v. The Company has valid CTE for 180000 TPA production capacity from MPPCB with Letter No. 57134 Dtd. 06.10.2022.
 - vi. The present proposal is coming falls under Sector 3(a) Metallurgical Industries of B- Category as per EIA Notification 2006.
 - vii. Public Hearing exempted for rolling mills regularization projects As per Gazette of India Notification dtd. 20th July, 2022.
 - viii. परियोजना हेतु SEAC की 649 वीं बैठक दिनांक 07.06.2023 को "ToR प्रदान" किये जाने की अनुशंसा की गई, जिसे SEIAA की 792 वीं बैठक दिनांक 20.06.23 में स्वीकृति प्रदान करते हुए पत्र क्र 801 दिनांक 26.06.23 के माध्यम से ToR जारी किया गया था।
 - ix. परियोजना हेतु SEAC की 704 वीं बैठक दिनांक 19.12.2023 को "पर्यावरणीय स्वीकृति प्रदान" किये जाने की अनुशंसा की गई है, जिसका कार्यवाही विवरण उक्त बैठक के पृष्ठ क्र. 01 से 10 पर अंकित है।
- (A) "राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा प्रकरण में पर्यावरणीय मुद्दों पर विस्तृत चर्चा व परामर्श उपरांत एवं SEAC की 704 वीं बैठक दिनांक 19.12.2023 की अनुशंसा को मान्य करते हुए प्रकरण में निम्नलिखित अतिरिक्त शर्तों सहित पर्यावरणीय स्वीकृति प्रदान किये जाने का निर्णय लिया गया:-

- i. परियोजना पानी की आवश्यकता की पूर्ति अनुबंध अनुसार MPIDC से की जाना
- ii. परियोजना में उत्सर्जित खतरनाक अपशिष्टों का प्रबंधन पर विशेष व्यवस्थाओं पर ध्यान रखा जाये। उत्सर्जित खतरनाक अपशिष्टों का लेखा रखा जाये एवं उनका निष्पादन कैसे हुआ का भी विवरण का रिकार्ड रखें। यह सतत् प्रक्रिया हो जिससे प्रतिदिन संधारित किये जाये एवं उनका विवरण मं.प्र. प्रदूषण नियंत्रण बोर्ड को अर्ध वार्षिक आधार पर भेजा जाये।
- iii. खतरनाक रसायनों, गैसों के प्रबंधन पर समुचित ध्यान रखा जाये एवं आपदा से निपटने के लिये समय-समय पर माकड्रिल आयोजित की जाये।
- iv. परियोजना अंतर्गत उत्सर्जित अनुपयोगी (waste heat) उष्मा का समुचित प्रबंधन कर पुर्नउपयोग किया जाये।
- v. उद्योग से उत्पन्न Waste Heat का अधिकतम पुर्नउपयोग उद्योग में ही किया जाना सुनिश्चित किया जाये।
- vi. उद्योग से उत्पन्न दूषित जल का जहाँ तक हो सके पुर्नउपयोग उद्योग में ही किया जाना सुनिश्चित किया जाये।
- vii. रिसाव का पता लगाने के लिए मशीनरी के संचालन के दौरान सभी ईंधन, तेल, या द्रव युक्त फिटिंग, होसेस और सील का निरीक्षण नियमित रूप से किया जाना चाहिए एवं इसका रिकार्ड भी रखा जाये।
- viii. परियोजना प्रस्तावक द्वारा लोडिंग-अनलोडिंग क्षेत्र में वायु प्रदूषण नियंत्रण हेतु आवश्यक प्रावधान जैसे इस क्षेत्र के भू स्थल/टोस सरफेस का विकास, क्षेत्र की साफ सफाई, इस क्षेत्र के अपशिष्ट का पर्यावरणीय दृष्टिकोण से निष्पादन एवं अन्य उपाये किए जाए।
- ix. अपशिष्ट जल के संबंध में परियोजना प्रस्तावक को निम्नानुसार कार्यवाही सुनिश्चित करना चाहिए:
 - परियोजना में ZLD की शर्त अनिवार्य रूप से अधिरोपित है, परियोजना अंतर्गत उच्च COD वाले जल अपशिष्ट के MEE एवं ATFD द्वारा उपचारित किया जायेगा एवं निष्पादन हेतु भेजा जायेगा। निम्न COD वाले जल अपशिष्ट का उपचार ETP से उपचारित कर पुर्न उपयोग किया जायेगा।
 - Effluent को त्रिस्तरीय उपचार प्रणाली तक उपचारित करने के लिए ETP अनिवार्य रूप से नियोजन किया जाये। प्रक्रिया में विभिन्न इकाइयों से पुनः प्राप्त अपशिष्ट जल का पुनः उपयोग किया जाये।
 - विभिन्न प्रसंस्करण इकाइयों, उपकरणों की सफाई, फर्श की धुलाई आदि से निकली अपशिष्ट जल को सेटलिंग टैंक में एकत्र किया जाना चाहिए और पुनः उपयोग किया जाना सुनिश्चित करे।
 - उपचारित अपशिष्ट जल का 100% पुनर्चक्रण होना चाहिए और उद्योग इकाई से "शून्य तरल निर्वहन" (ZLD) सुनिश्चित करे।
 - बारिश के पानी की निकासी के लिए स्टॉर्म वाटर निकासी की व्यवस्था की जानी चाहिए। प्रक्रिया अपशिष्ट जल को स्टॉर्म वाटर के साथ मिश्रित नहीं होने देना चाहिए।

- परियोजना प्रस्तावक को उपचारित अपशिष्ट जल की नियमित निगरानी सुनिश्चित करनी चाहिए ताकि एमपीपीसीबी/सीपीसीबी के निर्धारित मानदंडों की पुष्टि की जा सके।
- x. परियोजना प्रस्तावक द्वारा प्रस्तावित वृक्षारोपण के साथ ही प्लांट के चारों ओर बाउन्ड्री के किनारे तीन कतारों में वृक्षों की उन प्रजाति का चयन कर सघन वृक्षारोपण किया जावे जिनमें प्रदूषण को अवशोषित करने की क्षमता हो।
- xi. सघन हरित क्षेत्र (33% से कम नहीं) साइट के चारों ओर विशेष रूप से प्रमुख हवा की दिशा में विकसित किया जाना चाहिए।
- xii. संयंत्र उत्पाद परिवहन हेतु ई-वाहनों की संभावनाओं को भी तलाशा जावे।
- xiii. ईकाई से निकलनेवाली दुर्गन्ध के शमन के लिये Guidelines on Odour Pollution & Its Control, May 2008, Central Pollution Board, Ministry of Environment Govt. of India के सुझाये उपायों के अनुकूल व्यवस्था की जाये।
 - a. दुर्गन्ध उत्पन्न करनेवाले घटकों को चिह्नित कर उनके लिये पर्याप्त बफर जोन रखा जाये। ETP के आसपास भूदृश्यीकरण कर उसे सुसज्जित करे साथ ही सुगंध उत्पन्न करने वाले पौधों / झाड़ियों का रोपण इस क्षेत्र में करे।
 - b. दुर्गन्ध वाले क्षेत्रों की सीमा रेखा पर नोजल स्प्रेयर एवं एटलाइजर का निरंतर छिड़काव की व्यवस्था की जाये।
 - c. उपाय जैसे मिस्ट फिल्टरेशन, वेटस्क्रीबिंग, केमिकल उपचार एवं ग्रीनबेल्ट जैसे अन्य उपायों से दुर्गन्ध शमन पर प्रभावी कदम उठाये जाये।
- xiv. परियोजना अंतर्गत कार्बन फुटप्रिंट को कम करने के लिये गैर पारंपरिक ऊर्जा का उपयोग किया जाये एवं CO₂ उत्सर्जन पर नियंत्रण के उपायों पर भी व्यापक कार्य योजना बनाकर लक्ष्य प्राप्ति हेतु सतत प्रयत्न अनिवार्य रूप से किया जाये।
- xv. SEIAA द्वारा प्रकरण में जारी पर्यावरण स्वीकृति माननीय सर्वोच्च न्यायालय, माननीय उच्च न्यायालय, माननीय एन.जी.टी. एवं अन्य न्यायालयों के आदेशों/दिशा निर्देशों के अधीन मान्य रहेंगी तथा माननीय सर्वोच्च न्यायालय, माननीय उच्च न्यायालय, माननीय एन.जी.टी. एवं अन्य न्यायालयों द्वारा जारी सभी निर्देशों/निर्णयों का अनुपालन परियोजना प्रस्तावक के लिये बाध्यकारी होगा।

प्रकरण से संबंधित परियोजना प्रस्तावक/पर्यावरण सलाहकार द्वारा अभिप्रमाणित दस्तावेजों के आधार पर एवं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की 704 वीं बैठक दिनांक 19.12.2023 की कार्यवाही विवरण, अनुशंसा एवं अधिरोपित शर्तों को राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा मान्य करते हुए पर्यावरणीय मुद्दों पर विस्तृत चर्चा व परामर्श उपरांत सर्व सम्मति से विशिष्ट शर्तों के साथ उपरोक्त बिंदु 1 से xv एवं परिशिष्ट-4 को शर्तों में शामिल करते हुए परियोजना प्रस्तावक को पूर्व पर्यावरण स्वीकृति प्रदान की जाती है।”

(B) SEAC द्वारा की अधिरोपित शर्तें

“ The presentation and submissions were found satisfactory and acceptable, hence the case was recommended for grant of Prior Environment Clearance for regularization of existing production facilities for Steel wires of capacity 180000 TPA located at 158, 158A, Sector-A, Pithampur, Tehsil & District-Dhar, (M.P.) subject to the following special conditions:

I Statutory Compliance

- i. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- ii. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- iii. The project proponent shall obtain consent/authorization from MP Pollution Control Board

II Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories..
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system 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 NO_x in reference to SO₂ and NO_x 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.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality I fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system such as Bag filters (reverse pulse jet cleaning) shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly. All the internal roads shall be made pucca.
- viii. 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.
- ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, oil, cellars.

III Water quality monitoring and preservation

- i. 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.

- ii. The project proponent shall submit monthly summary report of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iii. Adhere to 'Zero Liquid Discharge'.
- iv. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- v. The treated water from STP shall be used for gardening and spraying of roads.
- vi. The project proponent shall practice rainwater harvesting to maximum possible extent, rain water therefore can be conserved within the plant.
- vii. PP shall be ensured that BOD level shall be maintained upto 3.0 mg/l in the proposed STP, proposal for filter press.
- viii. Permission of CGWB shall be obtained for drawl of ground water.
- ix. A storage pond area of 5400 CuM of capacity is being used for rain water collection area. the water being reused in the process
- x. 2 nos of Rain water Harvesting pond of area of 7200 CuM have already been constructed for harvesting rainwater from roof top of building/shade and reuse in the process.
- xi. XI. Total 12000 – 12500 m³ of rain water will be harvested and re-used in the process from FY25

IV Noise monitoring and prevention

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

V Energy Conservation Measures

- i. Solar Power utilization will be 30 % of total power consumption in the project.
- ii. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- iii. Practice hot charging of slabs and billets/blooms as far as possible.
- iv. Ensure installation of regenerative type burners on all reheating furnaces.
- v. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- vi. For this project Electrical Power 2500 KVA shall be meet by Madhya Pradesh Electricity Board (MPEB).
- vii. Provide the project proponent for LED lights in their offices and residential areas.
- viii. No DG Set is proposed for this project. So, there is no emission gaseous emission.

VI Waste management

- i. Fly Ash generated from process (if any) shall be managed and disposed as per the provisions of Flyash Notification as ammended.
- ii. Any soild waste from process such as furnace Slag produced during process which shall be managed through installed iron recovery unit from slag and the recovered iron is being used with scrap to charge in induction furnace. The remaining part is being used for civil work & bricks manufacturing after TCLP test and approval from the MP Pollution Control Board.
- iii. The waste/spent oil & other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iv. Used refractories shall be recycled as far as possible.
- v. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.

VII Green Belt

- i. Green belt shall be developed around 2.68 ha (i.e. 33%) is green belt area (existing and proposed) (2000 existing plantation + 4500 proposed plantation = 6500 total) with following plantation scheme and species :

Under proposed plantation program above 6 ft. height saplings will be planted within two years in coming Monsoon (after receipt of EC) whereas survival rate (80%) shall be maintained in subsequent years. Indigenous and broad leaf species for greenbelt development i.e. Karanj, Umber, Neem, Jarul, Maulsari, Amaltas, Shisam, Jamun, Karanj, Simul, Kadam Tacoma, Bel, etc. will be preferred.

Total Plantation 6500

- ii. The greenbelt shall inter alia cover the entire periphery of the plant with minimum three row plantation towards the road and village side..
- iii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII Safety and Human health issues

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

IX EMP & Corporate Environment Responsibility

- i. In the proposed EMP, Rs. 1000.00 Lakh as capital cost for the project and Rs. 240.00 Lakh /year has proposed as recurring expenses.
- ii. Under CER Project Proponent has proposed Rs. 120 Lakh proposed. The activities are given below:-

SI.	PHYSICAL STATUS	Yr. - 1	Yr. - 2	Yr. - 3	Yr. - 4	Yr. - 5	TOTAL In lakh
EXPENSES UNDER MEDICAL FACILITIES							
1.	Organising Medical Camp / eye checking camp (3 nos in a year) at village Bagdan and Village Kali Billod	2.0	2.0	2.0	2.0	2.0	10
2	Providing health awareness sessions at villages/ schools of village Bagdan and Village Kali Billod	0.5	0.5	0.5	0.5	0.5	2.5
3	Providing basic life support ambulance, mobile medical van at PHC Pithampur	0	0	10	0	0	10
EXPENSES UNDER EDUCATION FACILITIES							
1	Scholarship to school / college students	2.5	2.5	2.5	2.5	2.5	12.5
2	Skill development for local Govt. ITI	1	1	1	1	1	5

	and Career counseling sessions through experts						
3	Conducting technical training sessions at schools/colleges	0.5	0.5	0.5	0.5	0.5	2.5
4	Safety and Environment awareness sessions at schools/colleges	0.50	0.25	0.25	0.25	0.25	1.50
EXPENSES UNDER INFRASTRUCTURE FACILITIES							
1.	Providing Drinking water Facility at Schools of 2.Bagdanand Kali Bilod Village in collaboration with central TSL CSR team	10	2	5	2	5	24
2.	Rain Water Harvesting Structure / Pond for collection of Rain water at nearby villages	2	2	2	2	2	10
3.	Toilet Construction , preferably at Girls Schools at village Bagdan and Village Kali Billod	0	5	0	0	5	10
EXPENSES UNDER ENVIRONMENT							
1	Study and implementation of present bird population, its diversity including culture and Habitat improvement program.	3	2	2	2	2	11
2	Tree plantation outside plant premises/villages	1.5	1.25	1.25	1.25	1.25	6.5
3	Safety & Environment awareness sessions by experts to community around, schools/colleges	1.5	1.5	1.5	1.5	1.5	7.5
4	Yoga and meditation camp will be organized and trainer will be appointed, necessary hall will be provided.	3	1	1	1	1	7
Total – Year wise		28	21.5	29.5	16.5	24.5	120

iii. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.

- iv. 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.
- v. 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.
- vi. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
- vii. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- viii. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

X. Miscellaneous

- i. For Fire Protection System, fire water pumps of 5 H.P. Capacity shall be provided by PP.
- ii. AC motor driven fire water pumps for hydrant, medium velocity water spray system and foam system and Jackey pump 1 no. (AC motor driven) for maintaining pressure shall be provided.
- iii. The project proponent shall monitor the criteria pollutants level namely; PM10, SO₂, NO_x (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.
- iv. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
- v. 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.
- vi. 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).
- vii. 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.
- viii. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter

(C) SEIAA द्वारा परिशिष्ट-4 के अनुसार अधिरोपित अतिरिक्तविशिष्ट शर्तें

1. MPSEIAA द्वारा जारी कार्यालयीन ज्ञापन दिनांक 19.06.23 के अनुसार यदि परियोजना में भूजल निकासी की जाती है तो निम्नानुसार निर्देशों का पालन किया जाना सुनिश्चित करे :-

- a. जिन मामलों में पानी की आपूर्ति पानी के टैंकों के माध्यम से की जानी है, उन परियोजनाओं में परियोजना प्रस्तावक द्वारा पानी की आवश्यकता को केवल लाइसेंस प्राप्त टैंकर जल आपूर्तिकर्ताओं के माध्यम से पूरा किया जाना सुनिश्चित किया जाये।
- b. सक्षम प्राधिकारी (सीजीडब्ल्यूबी/सीजीडब्ल्यूए) की पूर्व अनुमति के बिना भूजल निकासी की अनुमति नहीं दी जाएगी। तदनुसार, भूजल निकासी के लिए एन.ओ.सी की प्रति सभी नियामक प्राधिकरणों, अर्थात् प्राधिकरण (राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण), क्षेत्रीय कार्यालय, पर्यावरण वन एवं जलवायु परिवर्तन भारत सरकार, भोपाल, मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड और केंद्रीय प्रदूषण नियंत्रण बोर्ड को प्रस्तुत की जाएगी।
- c. परियोजना प्रस्तावक भूजल निकासी के लिए एन.ओ.सी में किए गए अनुबंधों का अनिवार्य रूप से अनुपालन सुनिश्चित करेंगे और इसकी स्थिति छह मासिक अनुपालन रिपोर्ट के एक भाग के रूप में प्रस्तुत करेंगे।

2. The industry shall install an online monitoring system at the inlet as well as at the outlet of each APCD for monitoring SPM.

3. PP should ensure zero waste water discharge from the process. As per the proposal submitted 100% waste water shall be re-cycled in the process. No water shall be discharged outside the premises.

4. Waste water Management:

- (a) PP should maintain zero discharge from the Industry as proposed.
- (b) Separation of High & Low COD values effluent for better management of process effluent.
- (c) RO treated water will be recycle for the process and High COD effluent generation shall be completely evaporated with help of MEE so as to achieve zero discharge.
- (d) There shall be no industrial effluent discharge from the unit.

5. For Air Pollution:

- (a) PP should ensure air pollution control measures and stack height as proposed in the EIA/ EMP.
- (b) The performance of air pollution control system should be regularly monitored and maintained.
- (c) PP should ensure regular stack monitoring & ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.
- (d) In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator/bag filters and water sprinkling system.
- (e) Dust suppression system including water sprinkler system/ foaming arrangement shall be provided at loading and unloading areas to control dust emission.
- (f) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.
- (g) Transportation of raw material and finished goods should be carried out in covered trucks.
- (h) For control of fugitive emission and VOCs following steps should be followed:-
 - Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency will not be less than 95%.
 - Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.

- Closed handling system should be provided for chemicals.
- System of leak detection and repair of pump/pipeline should be based on preventive maintenance.
- Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.

6. Hazardous Waste:

- PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.
- PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
- PP should obtain renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, Handling & Trans Boundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtained for hazardous waste disposal.
- Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.
- PP should provide RCC layer and double layered HDPE lining for primary and secondary leachate collection.

7. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.

8. Green Belt:

- PP should ensure plantation in area of >33% (as committed) of the total plot area and Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc.
- Every effort should be made to protect the existing trees on the plot.
- Green area including thick green-belt shall be developed in the plot area to mitigate the effect of fugitive emissions all around the project area in consultation with the forest department as per the guidelines of CPCB.

9. PP should ensure the implementation of CER activities on regular basis in consultation with the Gram Panchayat of the respective villages & also adopt nearby villages for development of infrastructure in Anganwadi.

10. PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.

11. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.

12. PP should ensure to conduct regular on site and of site mock drill as per Health and Safety Norms.

13. PP should ensure disposal of storm water (if any) to linkage with MPIDC drainage system.

14. Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize fresh water requirement.

(D) SEIAA द्वारा अधिरोपित मानक शर्तें

- Any change in the correspondence address should be duly intimated to all the regulatory authorities within 30 days of such change.

2. The company shall carry out the HAZOP study and the report shall be submitted to Regional Office of MoEF, Gol at Bhopal.
3. During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixings of accidental spillages with domestic waste and storm drains.
4. Industry should get the Emergency Disaster Management Plan approved by DTHS and should also comply with the provisions made in Public Liability Insurance Act, 1991.
5. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
6. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal and MP PCB.
7. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (as and when applicable), by the project proponent from the respective competent authorities.
8. The Regional Office, MoEF, Gol, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, should be given to Regional Office, MoEF, Gol, Bhopal and MP PCB.
9. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in addition to the concerned Government Departments / organization responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
10. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
11. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal and MP PCB.
12. The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/> and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also
13. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
14. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of

Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.

15. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
16. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
17. This environmental clearance will be valid for a period of ten years from the date of its issue as per MoEF & CC, GoI notification No. S.O. 1807 (E) dated 12.04.2022 or till the completion of the project, whichever is earlier.
18. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
19. 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 EC conditions and shall also be sent to the Regional Office of MoEF.

(Sanjeev Singh)
Member Secretary

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

- (1). Principal Secretary, Department of Environment., Government of MP, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Dhar (M.P.).
- (5). Managing Director, M.P. Audyogik Kendra Vikas Nigam (Indore) Limited, Free Press House First Floor, 3/54 Press Complex, Agra–Mumbai Highway Indore (M.P).
- (6). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, JorBagh Road, New Delhi – 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.

(Alok Nayak)
Officer-in-Charge