

HINDALCO INDUSTRIES LIMITED, KUPPAM WORKS

INDUSTRIAL PARK, KUPPAM - 517 425

COMPLIANCE REPORT ON EC CONDITIONS

EC Order No: SEIAA/AP/MIN/EC/CH/12/2025/2067/279.17&279.16 dated 22.01.2026

	EC CONDITION	Remarks
1	The proponent shall comply with the proposals furnished in the Environmental management plan	Will be complied
2	The construction debris shall be used for back filling of the project site to the maximum extent possible and the remaining shall be disposed duly complying with the construction and demolition waste management rules 2016.	Work in progress. Will be complied.
3	The project proponent shall implement solid waste management as per the Solid Waste Management Rules, 2016 applicable for constructions projects	Will be complied
4	The proponent shall construct and commission STP 50 KLD along with commissioning of project, treat the effluents to meet irrigation standards at any point of time before using for gardening purpose or disposal into municipal drain, the treated effluents is proposed for recycle, the suitable disinfection system shall be provided in addition to the STP	Work in progress. Will be complied.
5	The project proponent shall implement the solid waste management as per the Solid Waste Management Rules, 2016 applicable for constructions projects	Will be complied
6	The parking area shall be in compliance with NBC/MoEF&CC, Gol /Local Govt regulations as applicable whichever, is higher	Work in progress. Will be complied.
7	The project proponent shall develop the avenue plantation along the approach roads leading to the proposed project site	Work in progress. Will be complied.
8	The project proponent shall treat the effluents to meet the standards stipulated by MoEF&CC, Gol vide notification G.S.R 1265 (E) 13.07.2017 for discharge into water bodies as well as for land disposal/applications.	Work in progress. Will be complied.
9	Dual plumbing system to be provided for reuse of the treated effluent for flushing and other purposes	Work in progress. Will be complied.
10	The project proponent shall install organic waste converter for the treatment and disposal of wet garbage in a scientific manner	Will be complied
11	The proponent shall ensure sustainable environmental management, solid and liquid wastes and implement environmental conditions given at Appendix-XIV of EIA notification 2006 and its amendments thereof	Will be complied
12	The project proponent shall comply with the Environmental conditions specified for construction and building projects in the appendix of MoEF&CC, Gol, S.O No (E) 5733 dt. 14.11.2018	Will be complied

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13	Solar Energy Systems shall be installed to utilize at least one third of the roof area	Work in progress. Will be complied.
14	The project proponent shall use only LED lights in the common areas and internal roads and shall provide timer-based lighting management in common area, Light levels shall be selected to suit the functional requirements, shall use high efficiency low-e glass type for windows, automatic timer controls for external lighting, ETC for energy conservation.	Will be complied
15	The building shall be designed for compliance with earth quake resistance and resisting other natural hazards.	Work in progress. Will be complied.
16	The proponent shall use ash-based bricks, tiles, sintered ash aggregate or other ash-based products in all the Construction activities, duly complying with the MoEF&CC, GoI, Notification S.O. 5481(E) dated 31.12.2021 & its amendments thereof	Work in progress. Will be complied.
17	The proponent shall construct rainwater harvesting pit and storm water drains for collection, usage and also for groundwater table maintenance within the premises.	Work in progress. Will be complied.
18	The project proponent shall obtain all statutory permissions if any from all the regulatory departments including Fire Department before starting the construction.	Will be complied
19	The project proponent shall provide GI sheets around the compound wall during the construction stage to avoid dust particles arises	Work in progress. Will be complied.
PART-A: SPECIAL CONDITIONS:		
1	The proponent shall not violate the provisions of the following Acts & Rules and subsequent amendments: a. Forest Conservation Act, 1980, b. Wild Life (Protection) Act,1972; c. CRZ Notification, 2011 & its Amendments thereof; d. The Eco sensitive areas as notified under Environment (Protection) Act,1986; e. Critically polluted areas as notified by CPCB and also shall not harm livestock and human beings and disturb their activities.	Will be complied
2	The proponent shall comply with the proposals furnished in Environmental Management Plan	Will be complied.
3	The project proponent shall allocate Rs. 2.55 Crs as capital cost and Rs. 0.48 Crs per annum as recurring cost budget for the EMP. The proponent volunteered to develop avenue plantation in Kuppam city by indicating their company sign Boards as a part of Corporate Social Responsibility (CSR) activity and the same shall be maintained till it grows.	Will be complied
4	The construction debris shall be used for back filling of the project site to the maximum extent possible and the remaining shall be disposed duly complying with the Construction and Demolition Waste Management Rules 2016.	Will be complied.
5	The project proponent shall implement solid waste management as per the Solid Waste Management Rules, 2016 applicable for constructions projects.	Will be complied

6	The proponent shall construct and commission STP of 50 KLD along with commissioning of project. The effluents shall be treated to meet irrigation standards at any point of time before using for gardening purpose or disposal into municipal drain. As the treated effluents is proposed for recycle, suitable disinfection system shall be provided in addition to the STP.	Work in progress. Will be complied.
7	The parking area shall be in compliance with NBC/MoEF&CC, Gol /Local Govt regulations as applicable whichever, is higher.	Work in progress. Will be complied.
8	The project proponent shall develop the avenue plantation along the approach roads leading to the proposed project site.	Work in progress. Will be complied.
9	The project proponent shall treat the effluents to meet the standards stipulated by the MoEF&CC, Gol vide notification G.S.R 1265 (E) 13.07.2017 for discharge into water bodies as well as for land disposal/applications.	Will be complied.
10	Dual plumbing system to be provided for reuse of the treated effluent for flushing and other purposes.	Work in progress. Will be complied.
11	The project proponent shall install organic waste converter for the treatment and disposal of wet garbage in a scientific manner.	Work in progress. Will be complied.
12	The proponent shall ensure sustainable environmental management of solid and liquid wastes and comply with the provisions of relevant rules notified under EIA Notification 2006 and its amendments thereof.	Will be complied
13	Solar Energy Systems shall be installed to utilize at least one third of the roof area.	Will be complied.
14	The project proponent shall use only LED lights in the common areas and internal roads and shall provide timer-based lighting management in common areas. Light levels shall be selected to suit the functional requirements. The proponent shall use high efficiency low-e glass type for windows, automatic timer controls for external lighting, etc., for energy conservation.	Will be complied.
15	The building shall be designed for compliance with earth quake resistance and resisting other natural hazards.	Work in progress. Will be complied.
16	The proponent shall use ash-based bricks, tiles, sintered ash aggregate or other ash-based products in all the Construction activities, duly complying with the MoEF&CC, Gol, Notification S.O. 5481(E) dated 31.12.2021 & its amendments thereof.	Work in progress. Will be complied.
17	The proponent shall construct rainwater harvesting pit and storm water drains within the premises for collection & usage of rain water and also for maintenance of ground water table.	Work in progress. Will be complied.
18	The project proponent shall obtain all statutory permissions if any from all the regulatory departments including Fire Department before starting the construction.	Will be complied
19	The project proponent shall provide GI sheets around the compound wall during the construction stage to avoid spread of dust particles to surrounding areas	Work in progress. Will be complied.

20	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Will be complied.
21	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5) covering upwind and downwind directions during the construction period	Will be complied.
22	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution	Work in progress. Will be complied.
23	Solar Energy systems to be planned in appropriate space as stipulated by the concerned regulatory authority	Work in progress. Will be complied.
24	The building shall be designed for compliance with earthquake resistance and resisting other natural hazards. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority	Work in progress. Will be complied.
25	The proponent shall create Corpus Fund of Rs.30 Lakhs to ensure continuous operation of STP.	Will be complied
26	The proponent shall obtain required clearances if any from all regulatory Departments including Fire Department, before starting the construction	Will be complied
27	The proponent will be squarely responsible for proper implementation of solid waste management plan, prevention of air pollution, water pollution, and any other kind of pollution/health hazard.	Will be complied
28	The proponent shall comply with Conceptual Plan, Form 1A and EMP	Will be complied.
29	The proponent is advised to ensure safety to animal and public life	Will be complied
PART-B SPECIFIC CONDITIONS:		
I Construction Phase		
i	i. Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, creche etc., The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the	Work in progress. Will be complied.

	construction phase should be ensured. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	
ii	A First Aid Room shall be provided in the project both during construction and operation of the project	Will be complied.
iii	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site	Work in progress. Will be complied.
iv	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Work in progress. Will be complied.
v	Soil and ground water samples will be tested at regular interval to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Will be complied
vi	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Will be complied
vii	Any hazardous waste including biomedical waste, if any, should be disposed of as per applicable Rules & norms with necessary approvals of the Andhra Pradesh Pollution Control Board.	Will be complied.
viii	The diesel generator sets to be used during construction phase should conform to E (P) Rules prescribed for air and noise emission standards.	Will be complied.
ix	Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Will be complied.
x	Ambient noise levels should conform to the Industrial standards both during day and night as notified by the MoEF&CC, GOI from time to time. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by the CPCB.	Will be complied
xi	Ready mixed concrete must be used in building construction in consultation with concerned regulatory authority.	Will be complied.
xii	Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.	Will be complied.
xiii	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	Will be complied



xiv	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices in consultation with concerned regulatory authority.	Will be complied.
xv	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices of sensor based control. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Work in progress. Will be complied.
xvi	Use of glass may be reduced by up to 40% to reduce the electricity consumption and load on air-conditioning. If necessary, high quality double glass with special reflective coating in window is to be used. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Work in progress. Will be complied.
xvii	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Work in progress. Will be complied.
xviii	Adequate measures to reduce air and noise pollution during construction keeping in mind CPCB norms on noise limits.	Will be complied.
xix	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement in consultation with concerned regulatory authority.	Work in progress. Will be complied.
xx	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipment's, etc. as per National Building Code including protection measures from lightening etc. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority	Work in progress. Will be complied.
xxi	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Will be complied.
xxii	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Will be complied
xxiii	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Will be complied.

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II Occupational Phase		
i	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the SEIAA before the project is commissioned for operation. Discharge of treated sewage shall conform to the norms & standards of the Andhra Pradesh Pollution Control Board. Sewage Treatment Plant should be monitored on a regular basis. No waste water shall be discharged outside the premises until outlet is connected to public sewer line. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Work in progress. Will be complied.
ii	ii. Rainwater harvesting for roof run-off and surface run-off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority	Work in progress. Will be complied.
iii	iii. At least 20% of the open spaces as required by the local building bye laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Work in progress. Will be complied.
iv	iv. The solid waste generated should be properly collected & segregated before disposal to the Facility. The organic waste shall be composted. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Will be complied.
v	v. The D.G. Sets shall be provided with acoustic enclosures and adequate stack height as per CPCB norms. The fuel used for the diesel generator sets should be low sulphur diesel and should conform to E (P) Rules prescribed for air and noise emission standards.	Work in progress. Will be complied.
vi	vi. Any hazardous waste should be disposed of as per the Hazardous and other Wastes (Management and Transboundary movement) Rules, 2016 and its amendments thereof & Biomedical waste Management Rules, with necessary approvals of the Andhra Pradesh Pollution Control Board.	Will be complied.
vii	The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use by the MoEF&CC, GOI/CPCB. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Work in progress. Will be complied.

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Viii	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Will be complied.
ix	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid systems or fully solar system for a portion of the apartments should be provided by utilizing appropriate space for solar energy system as stipulated by the concerned regulatory authority.	Work in progress. Will be complied.
x	x. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Work in progress. Will be complied.
xi	xi. Adequate number of parking spaces shall be provided for visitor vehicles. Rest room facilities should be provided for service population. The proponent shall provide public convenience facilities such as toilets, bathrooms, waiting rooms etc. for the drivers, workers etc. so as to maintain cleanness/hygienic conditions in the surroundings of the project. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Work in progress. Will be complied.
xii	xii. The proponent shall comply with Energy Conservation Practices, Energy efficient practices and energy audit practices. Wherever feasible, green building concepts shall be adopted. Use of solar panels may be done to the extent possible. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Will be complied
xiii	xiii. Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP. Appropriate necessary action must be taken with prior concurrence of the concerned Regulatory Authority.	Will be complied

PART - C. GENERAL CONDITIONS

1	This Environmental Clearance order is valid for a period of 10 years.	Ok
2	The proponent shall scrupulously follow any conditions stipulated by Revenue department/ Panchayat Raj/ Municipal administration/local self-government bodies (Gram panchayat /Gram secretariat) in ensuring safety to human and animal life. The APPCB to ensure the same while according CTE/CTO	Ok
3	Proponent shall ensure that there is no disturbance to flora and fauna. Serenity of nature must be protected at any cost	Ok
4	"Consent to Establish" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any activity /construction work at site.	Complied

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5	The project proponent shall submit Half-yearly reports on the status of compliance of the stipulated Environmental Clearance Conditions including results of monitored data to the Sub-Office, MoEF&CC, Vijayawada; SEIAA, A.P., and A.P. Pollution Control Board and also shall upload in the Proponent's website	Ok
6	Post Environment Clearance Monitoring: It shall be mandatory for the project manager to upload half yearly compliance reports in respect of the stipulated prior Environment Clearance terms and conditions in PARIVESH portal on 1st June and 1st December of each calendar year.	Ok
7	The APPCB shall monitor the EC conditions stipulated by SEIAA as per GO Ms No 120 dated 01.11.2018 of EFS&T Dept., and ensure the compliance	Ok
8	The proponent shall obtain prior permissions and continued guidance from regulatory authorities for all the above conditions wherever it is required.	Will be complied
9	All safety norms as stipulated in various laws and statutes shall be scrupulously followed by the proponent. PCB shall ensure compliance to the conditions stipulated by SEIAA.	Ok
10	Officials from the Sub-Office of MoEF&CC, Vijayawada / The SEIAA, Andhra Pradesh through Andhra Pradesh Pollution Control Board, who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Sub-Office, MoEF&CC Vijayawada.	Ok
11	In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this SEIAA. No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA, AP	Ok
12	The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn have to display the same for 30 days from the date of receipt.	Complied
13	The proponent shall obtain clearance from Fire Department. All other statutory clearances shall be obtained, as applicable by project proponents from the competent authorities.	Will be complied
14	The project proponent should advertise in at least two local Newspapers, widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Andhra Pradesh Pollution Control Board. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Sub-Office of this Ministry at Vijayawada.	Complied

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15	The funds earmarked for environmental protection measures (Capital Cost Rs.2.55 Crs and recurring Cost Rs. 0.48 Crs/annum) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA and Ministry's Sub-Office located at Vijayawada.	Work in progress. Will be complied.
16	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.	Ok
17	The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Ok
18	This Environmental clearance shall be subject to orders of the Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project.	Ok
19	SEIAA also reserves the right to cancel the EC issued at anytime, if EC has been obtained by the proponent through suppression of any information or furnishing false information.	Ok
20	Concealing the factual data or 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 without any prior notice.	Ok
21	These stipulations would also 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 and related Acts.	Ok

29.06.2026



Rajiv Upadhyay

RAJIV UPADHYAY
AUTHORIZED SIGNATORY