



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Chief General Manager (HSE)
MANGALORE REFINERY AND PETROCHEMICALS LTD
KUTHETHOOR P.O, VIA KATIPALLA,,Dakshina Kannada,Karnataka-
575030

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 Ministry vide proposal number IA/KA/IND2/404544/2022 dated 28 Nov 2022. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC23A018KA154992 |
| 2. File No. | J-11011/215/2010-IA-II(I) |
| 3. Project Type | Expansion |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 5(c) Petro-chemical complexes (industries based on processing of |
| 6. Name of Project | CAPACITY EXPANSION FROM 16.6 TO 18.2 MMTPA AT MANGALORE OF M/S MRPL |
| 7. Name of Company/Organization | MANGALORE REFINERY AND PETROCHEMICALS LTD |
| 8. Location of Project | Karnataka |
| 9. TOR Date | N/A |

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

Date: 09/01/2023

(e-signed)
A N Singh
Scientist E
IA - (Industrial Projects - 2 sector)

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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This has reference to your online proposal no. IA/KA/IND2/404544/2022 dated 28th November, 2022 for environmental clearance to the above-mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal seeking environmental clearance for expansion from 16.6 to 18.2 MMTPA located at Kuthethoor/Bala village, Dakshin Kannada District, Mangalore, Karnataka by M/s. Mangalore Refinery and Petrochemicals Limited. MRPL has a capacity to process 16.6 million metric tons per annum. MRPL is planning to enhance refinery capacity from 16.6 MMTPA to 18.2 MMTPA in the existing refinery complex, without unit revamps, without addition of new units, but only by increase in the number of operation days from 8000 hours to 8760 hours per annum. The overall existing refinery crude oil processing capacity is 16.6 MMTPA based on 13.6 MMTPA at MRPL-Phase I &II and another 3 MMTPA at MRPL Phase-III. There is no construction phase since only operating hours are being increased of MRPL.

3. All project/activity are listed at S.N. 4(a) - Petroleum Refining Industry and 5(c) - Petro-chemical complexes of Schedule of Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC). PP has informed that proposal has been submitted as per Ministry's OM dated 11.04.2022 issued for granting of Environmental Clearance under para 7(ii)(a) of EIA notification-2006.

4. The details of products and capacity as under:

Unit Capacities:

S. No.	Unit	Existing Capacity (MMTPA)	Proposed Capacity (MMTPA)	Total Capacity After expansion (MMTPA) Based on increase in operating hrs from 8000 to 8760 per annum)
1.	CDU/VDU (Including NSU)	16.6	1.6	18.2
2.	VBU	0.00	0.02	0.02
3.	BBU	0.19	0	0.19
4.	DCU	3.09	0.39	3.48

S. No.	Unit	Existing Capacity (MMTPA)	Proposed Capacity (MMTPA)	Total Capacity After expansion (MMTPA) Based on increase in operating hrs from 8000 to 8760 per annum)
5.	CHT	1.01	0	1.01
6.	HCU	3.36	0.43	3.79
7.	PFCC	2.74	0	2.74
8.	PPU	0.51	0	0.51
9.	GOHDS & DHDT	5.32	0.59	5.91
10.	NHT/ CCR	0.93	0.13	1.06
11.	RSU	0.82	0.12	0.94
12.	Mixed Xylene	0.52	0.04	0.56
13.	ISOM	0.59	0	0.59
14.	HYD (DHDT)	0.11	0.01	0.12
15.	SRU	0.29	0.03	0.32
16.	KeroMerox	1.12	-0.02	1.10
17.	LPG Merox	0.22	0.03	0.25

Product Pattern:

Sl. No.	Product/ By-product	Existing Quantity (MMTPA)	Proposed Quantity (MMTPA)	TotalQuantity (MMTPA)
1.	LPG	1.21	0.05	1.26
2.	Naphtha	1.601	0.17	1.771
3.	Motor Spirit	1.78	0.18	1.96
4.	Kerosene	0.05	0	0.05
5.	ATF	2.04	0	2.04
6.	Diesel	5.70	0.77	6.47
7.	Fuel Oil	0.37	0	0.37
8.	Bitumen	0.19	0	0.19
9.	Sulphur	0.28	0.03	0.31
10.	Mixed Xylene	0.002	0	0.002

Sl. No.	Product/ By-product	Existing Quantity (MMTPA)	Proposed Quantity (MMTPA)	TotalQuantity (MMTPA)
11.	Pet Coke	1.00	0.12	1.12
12.	Polypropylene	0.51	0	0.51
13.	VGO	0.00	0.15	0.15
14.	Fuel & Loss	1.86	0.14	2.00

5. Utilities requirements shall remain same in proposed 18.2 MMTPA case as in existing 16.6 MMTPA case. So no additional requirement of utilities for proposed expansion.

6. MoEF&CC has issued latest Environmental Clearance to MRPL Modernization Project vide File No. J-11011/215/2010-IA-II(I) dated 19/01/2021. Certified Compliance report of existing ECs has been obtained from Integrated Regional Office-Bangalore, MoEFCC, vide File no EP/12.1/2017-18/04/KAR/800 dated 12.10.2022 with no non-compliance points. Earlier show cause notices issued to MRPL by KSPCB dated 25.7.2022 and 05.09.22 are replied with Action Taken Reports on 06.08.2022 and 14.09.22 respectively to KSPCB. KSPCB issued letter dated 08.08.2022 and 03.06.2022 to MRPL and Action Taken Reports submitted to KSPCB on 12.08.2022 and 27.06.2022. PP has informed that SCN issued for non-compliance w.r.t hazardous waste collection and for exceeding norms stipulated for ETP outlet. Further, PP informed that they have taken corrective measures and submitted the response to the KSPCB. Committee was satisfied the response of PP.

7. As per the OM dated 11.04.2022 issued by MoEFCC for granting of Environmental Clearance under para 7(ii)(a) of EIA notification-2006, PP has submitted EIA report along with CCR. It was informed that no litigation is pending against the proposal.

8. Public hearing is exempted for as per the OM dated 11.04.2022 issued by MoEFCC. The proposed expansion is upto 20% based on environmental safeguard conditions.

9. Total plant area after expansion will be 644.25 Ha (1592 acre) which is already under possession of company. No additional land will be acquired for the expansion project as the same will be done within existing plant premises. Out of the total plant area 644 Hectares i.e. 188 Ha greenbelt is already developed within the MRPL complex. MRPL carried out additional 10.1 Ha of afforestation at

Thaneerbavi area (Tree park) and 20.2 Ha greenbelt at Pilikula Nisargadhama Biological Park. Total greenbelt developed in the refinery and outside afforestation is 218.3 Ha (539.4 acre) which is 33.9% of the total area. There will be no investment to the expansion project as it will be carried out based on actual operating capacity considering 8760 operation hours in a year. Capital cost of EMP is not applicable as there are no construction activities and recurring cost for EMP will be Rs. 316.7 Lakhs per annum. Additional employment will be around 15 persons for operations phase.

10. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors within 10 km distance. There are no Reserve forests/protected forests within 10 km distance. Nandini river is 9 km in North direction and Gurupura river is 4 km in South direction from refinery.

11. Ambient air quality monitoring was carried out at 8 locations during October to December 2020 period and the baseline data indicates the ranges of concentrations as: PM₁₀ (57.6 to 76.0 µg/m³), PM_{2.5} (18.8 to 26.7 µg/m³), SO₂ (11.8 to 16.4 µg/m³) and NO₂ (15.2 to 21.1 µg/m³). All the values are within the National Ambient Air Quality Standards (NAAQS). No additional stacks are envisaged for the proposed expansion project.

12. Total water requirement of the complex is 4003 m³/hr. Out of which 2658 m³/hr from Netravati River & DESAL plant, 728 m³/hr of treated STP water of MSEZL and 617 m³/hr from recycle treated effluent. No additional freshwater is required as 1250 m³/hr DESAL plant has been commissioned. MRPL has an agreement (Vide Letter No.-EE1/GDH/PB-3/MRPL/2022-23/228) dated 30.05.2022 with Irrigation Department, Govt. of Karnataka for withdrawal of 947 m³/hr raw water from Netravati River. MRPL has also an agreement (Vide Letter no.-MRPL/D(R)/IOM-022) dated 10.10.2014 with MSEZL for supply of 1231 m³/hr raw water & 1231 m³/hr Treated STP water. Total effluent generation post expansion will be 1063 m³/hr. Out of which, 617 m³/hr is recycled back to cooling tower make-up and 446 m³/hr is discharged to sea after treatment in ETPs. No additional rate of effluent generation is envisaged from proposed project.

13. Total power requirement of refinery cum petrochemical complex after expansion will be 160 MW. Post project also, the same power requirement will be there with no additional load.

14. Details of Process emissions generation and its management:

- The SO_x and NO_x emissions of the existing complex are 56.95 TPD and 29.88 TPD respectively. There will be no change in SO_x& NO_x emissions

rate value as there are no additional stacks envisaged in expansion project.

- Online Continuous Emission Monitoring System is already installed. Data on stack monitoring is connected to CPCB/SPCB servers.
- Adequate stack heights are provided for controlling the particulate emissions and for better dispersion of flue gases.
- Low NO_x burners are used in all process heaters, furnaces and boilers.
- Low Sulphur Fuel Oil and Fuel Gas are used as fuel in Process fired heaters and Boilers.
- Installation of internal floating roof with double seals in all Class-A tanks for reduction of fugitive emissions.
- Provision of mechanical seals in all the hydrocarbon pumps for reduction of fugitive emissions.
- LDAR survey is carried out periodically.

15. Details of solid waste/Hazardous waste generation and its management:

- There will be no additional solid waste generation for proposed expansion project. All hazardous solid wastes shall be handled as per Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 and subsequent amendments.
- Catalysts are used in various refinery process units. Spent catalyst are being sent to authorized recyclers/TSDF after end of its lifecycle. The same practice will be continued post expansion also. There will be no additional spent catalysts generation due to proposed expansion.
- Additional sludge generated due to proposed expansion will be processed in Delayed Coker Unit (DCU).
- There shall be no additional generation of hazardous solid waste from existing process/ treatment units. The generated wastes shall be disposed as per authorized disposal procedure.
- Used Lubricating oil will be collected in metal drums kept in secured area and will be recycled internally.
- MRPL has an agreement with M/s Resustainability Limited for safe disposal of all the hazardous waste generated in MRPL Complex to TSDF facility.
- Discarded containers/barrels/ liners contaminated with hazardous waste will be disposed as per Hazardous Waste Rules, 2016.

16. During deliberations, EAC discussed following issues:

- Commitment for withdrawal of TOR application for same project. PP informed that they have already applied.

- MRPL is planning to enhance its present refinery capacity from 16.6 MMTPA to 18.2 MMTPA in the existing refinery complex, without unit revamps, without addition of new units, but only by increase in the number of operation hours from 8000 hours to 8760 hours per annum.
- PP shall provide incremental GLC for the existing stacks by using air quality model. Accordingly, PP shall submit addendum to EIA/EMP report considering latest ambient air quality data collected from the existing manual and online monitoring stations. GLC for SO₂ and NO_x has been reported as 1.4 ug/m³ and 3 ug/m³ respectively.
- Sulphur balance data to be provided for the project. PP submitted the same.
- Commitment for installation of SRU of 99.99%. Further PP informed that SRU-1, 2 & 3 are old SRUs and SRU 4, 5, 6 & 7 are based on state of art technologies. Existing SRUs are able to take additional load of Removal of Sulphur for the expansion case.
- Plan to maximize the recycling of the treated effluent instead of discharge into sea after treatment in ETP. Further PP informed that MRPL will explore the possibility of further recycling the effluent by conducting a feasibility study by external reputed agency. They are committed to recycle the effluent to maximum extent possible in the complex.
- PP shall clarify how they will carry out maintenance of the plant as it was submitted that proposed EC is for 365 days operation. PP clarified that MRPL has been established in three phases (1995, 1998 & 2012) which can be operated either on integrated or standalone basis. For ensuring the reliability and sustaining the run length, continuous online Inspection being carried out. Plant M&I activities will be done once in four years. Accordingly, MRPL is shutting down one of the phases at a time, once in four years. Based on this, Refinery can operate continuously for entire year without any planned shutdown to cater fuel for the requirement of the nation.
- As proposed, PP shall explore the feasibility for generation and use of Green Hydrogen for future requirement. PP informed that MRPL propose to set up Green Hydrogen plant of 500 TPA, for utilizing it in Hydroprocessing & Desulfurization. Expression of Interest has been floated to ascertain technical maturity, commercial references, utilities, etc. MRPL propose to install and commissioning Green Hydrogen plant by March 2025.

Committee was satisfied with the response of project proponent.

17. The proposal was considered by the EAC (Meeting ID: IA/IND2/13399/12/12/2022) held on 12th – 13th December, 2022 in the Ministry, wherein the project proponent and the accredited Consultant namely M/s.

Engineers India Limited having NABET certificate no. NABET/EIA/1922/RA0189_Rev01 valid up to 22/11/2023, presented the case. The Committee **recommended** the project for grant of environmental clearance.

18. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

19. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

20. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. 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. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

21. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for

proposed capacity expansion from 16.6 to 18.2 MMTPA located at Kuthethoor/Bala village, Dakshin Kannada District, Mangalore, Karnataka by M/s. Mangalore Refinery and Petrochemicals Limited, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Condition:

- (i). The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. All public hearing issues shall be addressed as per timeline and budget submitted.
- (ii). The National Emission Standards for Petroleum Oil Refinery issued by the Ministry vide G.S.R. 186(E) dated 18th March, 2008 and G.S.R.595(E) dated 21st August, 2009 as amended from time to time, shall be followed.
- (iii). Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.997% with effective chillers/modern technology. For emission control and management, use of FG/NG in heater as fuel, adequate stack height, use of Low NOX burners in heater & boiler, continuous stack monitoring, Sulphur recovery plant, etc. shall be installed/ensured.
- (iv). As proposed, the SO_x and NO_x emissions of the existing complex are 56.95 TPD and 29.88 TPD respectively. There will be no change in SO_x & NO_x emissions rate value as there are no additional stacks envisaged in expansion project.
- (v). Total fresh water requirement for the proposed project shall not exceed 2658 m³/hr to be met from Netravati river and 728 m³/hr to be met from treated STP water. Necessary permission in this regard shall be obtained from the concerned regulatory authority.
- (vi). Comprehensive water audit to be conducted on annual basis and report to the concerned Regional Office of MEF&CC. Outcome from the report to be implemented for conservation scheme.
- (vii). Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.

- (viii). Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.
- (ix). Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- (x). Regular VOC monitoring shall be done at vulnerable points. VOC monitoring shall be undertaken every quarterly from the vicinity of the potential sources and also from across the boundary of the refinery along with methane & non methane hydrocarbon on bi-monthly basis from the processes, storage, loading, Heat exchanger, processes drain, waste water treatment facility and from boundary area.
- (xi). The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio-remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system.
- (xii). Oil catchers/oil traps shall be provided at all possible locations in rain/storm water drainage system inside the factory premises.
- (xiii). The company shall undertake waste minimization measures as below:
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xiv). The green belt of 5-10 m width shall be developed in the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. The project proponent shall ensure 33% greenbelt area vis-à-vis the project area through afforestation in the degraded area. The Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- (xv). As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care

facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within time as proposed.

- (xvi). For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- (xvii). The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.
- (xviii). Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. In case of the treated effluent to be utilized for irrigation/gardening, real time monitoring system shall be installed at the ETP outlet.
- (xix). PP to set up occupational health Centre for surveillance of the worker's health within and outside the plant on a regular basis. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xx). Process safety and risk assessment studies shall be further carried out using advanced models, and the mitigating measures shall be undertaken/implemented accordingly.
- (xxi). The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November, 2012 as amended time to time shall be followed.
- (xxii). Recommendations of mitigation measures from possible accident shall be implemented based on Risk Assessment studies conducted for worst case scenarios using latest techniques.
- (xxiii). The project proponent shall develop R& D facilities to develop their own technologies for propylene and polypropylene processing.
- (xxiv). A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the

project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

- (xxv). PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

B. General Condition:

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.

- (vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (viii) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- (x) The project authorities 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 and the date of start of the project.
- (xi) 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.

22. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

23. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the

provisions of Environment (Protection) Act, 1986.

24. 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.

25. The above conditions will 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, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

26. This issues with the approval of the competent authority.

(A. N. Singh)
Scientist-'E'

Copy to: -

1. The Secretary, Department of Forest, Environment & Ecology, Government of Karnataka, Room No. 708, Gate 2, Multi Storey Building, Dr. Ambedkar Veedhi, Bangalore - 1
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, Koramangala II Block, Bangalore - 34
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 32
4. The Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, #49, 4th& 5th Floor, Church Street, Bangalore -1
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, District Dakshin Kannada, Karnataka
7. Guard File/Monitoring File/Parivesh portal/Record File

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