

MAHARASHTRA POLLUTION CONTROL BOARD

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ORANGE/S.S.I (G37)
**No:- Format1.0/RO/UAN No.MPCB-
CONSENT_AMMENDMENT-0000020590/CE/2606000035**

Date: 04/06/2026

To,
**Megha Engineering and Infrastructures Limited -
Thane Borivali Twin Tunnel Project, Package-1
21 (H. No.1-A) & 23 (H. No.1), Varsave Village
Dist.Thane.**



Sub: Amendment in consent to operate

Ref: 1. Revised guidelines for RMC plant issued by the M.P.C.Board vide Notification dated 17.10.2025
2. Consent to Operate granted by Board vide no. Format1.0/RO/UAN No.MPCB-0000286437/CO/2605001900, dtd. 15.05.2026

Your application No.MPCB-CONSENT_AMMENDMENT-0000020590 Dated 19.05.2026

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent to establish is granted for a period up to 30/04/2030**
- The capital investment of the project is Rs.8.01 Crs. (As per undertaking submitted by pp)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Cement concrete for Captive Use	10000 X 2 = 20000 m3/month	
2	Segments Rings	5200	No/M

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	2	As per Schedule -I	Recycle 100% to achieve ZLD
2.	Domestic effluent	7.2	As per Schedule - I	Soaked in soak pit

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	1	DG Sets-500 KVA	1	As per Schedule -II
2	2	DG Sets- 200 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Concrete Waste	30	m3/month		Use for landfilling in Scientific manner

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

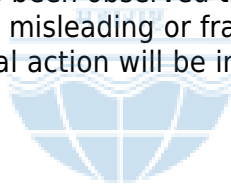
<i>Sr No</i>	<i>Category No./ Type</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	5.1 Used or spent oil	300	Ltr/A	Recycle	Sale to authorised party

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. Project Proponent shall comply the guidelines as per MoEF & CC Notification dated 29/01/2025 towards Locational criteria for Orange Category.
11. Operation of RMC plant shall be in daytime only. The Day time shall mean from 6 A.M. to 10 P.M.
12. The Maharashtra Pollution Control Board reserved its rights to impose any stringent standards if so required.
13. The applicant shall comply with revised RMC guidelines issued by Board vide Notification dated 17.10.2025 and shall comply the distance criteria as mentioned in the guidelines
14. RMC plants shall be covered from all sides by using tin / similar type of material like a box structure for following sections of RMC plants. i. Raw material handling, ii. Silos, iii. Loading & unloading area including conveyor belt, iv. Mixing unit, hopper bottom (main plant). Or The total plant area shall be fully covered from all sides.
15. The remediation and restoration measures shall be taken by the project proponent in case of environmental pollution in the surrounding area due to emission/effluent in excess of the standards being discharged/emitted into the environment and violation of consent conditions and thereby causing environmental pollution.
16. Project Proponent shall provide adequate water treatment and disposal facility for generated effluent from their activity. They shall comply with provisions under the Water (Prevention and Control of Pollution) Act, 1974.

17. Project Proponent shall provide adequate Air pollution control arrangement at the source. They shall comply with the provisions under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed.
18. The Captive RMC plant shall not act as a commercial plant if found acting as a commercial plant then it shall be closed permanently.
19. The Project proponent should comply with other locational statutory requirements in force such as Development Control(DC) Rules & as per MoEF & CC guidelines etc. while obtaining Consent to Establish from the Maharashtra Pollution Control Board.
20. The PP shall submit bank guarantee of Rs. 15 Lakhs as per schedule-III of the consent and shall comply the conditions of the same.
21. The applicant shall not any production activity till obtaining NOC's from the competent authorities.
22. Air Pollution Control: (1) In-house measures: 1) Transfer points should be covered from all the sides. 2) The dust containment system shall be provided incorporating either of the following • Barricading all around the periphery of the plot boundary with height of minimum 30 feet, with tin or compound wall. Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC. • Tree plantation along the periphery inside boundary of the RMC premises having minimum width of 5 mtrs, at least 3 sides. The foliage of the trees shall adequately cover area up to about 20 feet, height. 3) Internal movement area shall be cement concreted/Asphalted. 4) Daily cleaning/Removal of dust accumulation inside the plant (dry/wet) shall be carried out, with using compact mobile unit with vacuum system of high pressure cleaning. 5) Automatic two level tyre washing facility shall be provided at entry and exit points, for transit mixture vehicle. 6) Foggers/ Fogging system with minimum 50 mtrs of water mist fog shall be installed at all dust generating sources. 7) CC TV cameras shall be installed at all the entry and exist points. 8) Installation of Continuous Ambient Air Quality Monitoring Station (CAAQMS) for parameter PM10 & PM2.5 shall be connected to the server of MPCB. 9) Global Positioning System (GPS) tracking system shall be installed to all RMC carrying vehicles. 10) All vehicle shall be thoroughly cleaned before leaving RMC plant premises
23. Raw material storage & handling: 1) Storage silos of cement & fly-ash shall be equipped with adequate capacity of dust Collection system such as multi- cyclone followed by bag house assembly. 2) Handling of Cement, sand, fly ash, gypsum and aggregates shall be carried out with mechanical closed system only. 3) Manual operations shall be permitted only in a closed shed which will be equipped with dust control system at the loading point as well as roof top secondary dust control system. 4) All Conveyor belts of Sand, aggregate shall be covered with tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions. 5) All the raw materials must be stored in closed silos /bins of adequate capacity. 6) Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag house, so as to limit dust emissions. 7) Storage area of sand & aggregate shall be equipped with roof top water sprinkler system. 8) The operation of the plant shall be interlocked with air pollution control devices. 9) Alternative power supply system should cover both the production and Air pollution control system.
24. Noise pollution Control Measures: Ready mix concrete industry shall comply with the provisions under the Noise pollution (Regulation and Control) Rule 2000, to control Noise Pollution.

25. Solid waste treatment and disposal: Solid waste from transit mixture washing, muck (debris/sludge) generated from RMC shall either be reused through recovery unit/ Reclaiming system OR disposed of at a designated approved site (Construction & demolition waste) by local body, for debris/construction waste.
26. Project Proponent shall provide adequate water treatment and disposal facility for generated effluent from their activity. They shall comply with provisions under the Water (Prevention and Control of Pollution) Act, 1974
27. Project Proponent shall provide adequate Air pollution control arrangement at the source. They shall comply with the provision under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed
28. Captive plants shall carry out ambient air quality monitoring twice a week for 24 hours.
29. This consent is issued as per categorization issued vide circular dtd. 08.10.2024
30. Project proponent shall comply the conditions stipulated as per the Notification w.r.t. RMC plant dtd.17.10.2025.
31. The existing captive plant shall be fully covered from all sides like a box structure by using tin/similar type of material.
32. The applicant shall make an application for renewal of the consent at least 120 days before the date of the expiry of the consent.
33. This consent is issued with the overriding effect to earlier consent granted vide no. Format1.0/RO/UAN No.MPCB-CONSENT- 0000286437/CO/2605001900, dtd. 15.05.2026

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	75000.00	TXN2404005111	29/04/2024	Online Payment

Previous balance fees of Rs. 95,791/- and Rs. 75,000/- will be consider at the time of next renewal of consent.

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Thane I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have proposed to provide Effluent Treatment Plant (ETP) of designed capacity of 2.00 CMD consisting of Primary (Collection tank), Sludge treatment (Sludge drying bed) for the treatment of 2 CMD of trade effluent.
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
C] The Industry shall ensure to provide separate energy meter for pollution control system.
D] The treated effluent shall be 100% recycled to achieve Zero Liquid Discharge(ZLD). In no case, effluent shall find its way outside the factory premises directly/indirectly.
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 7.2 CMD of sewage.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
1	Suspended Solids	Not to exceed	100
2	BOD 3 days 27°C	Not to exceed	30

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	8.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	20.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
1	DG Sets(500 KVA)	Acoustic Enclosure	7.50	Diesel 20 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO ₂	9.6 Kg/Day
2	DG Sets(200 KVA)	Acoustic Enclosure	7.50	Diesel 20 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO ₂	9.6 Kg/Day

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. The applicant shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:
6. Control Equipment:
- a. In-house measures :-**
- Transfer points should be covered from all the sides.
 - The dust containment system shall be provided incorporating either of the following -
 - Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
 - Tree plantation along the periphery inside boundary of the RMC premises be carried out. The foliage of the trees shall adequately cover area up to about 20 feet. height. shall be carried out.
 - Internal movement area shall be cement concreted /Asphalted.
 - Daily cleaning / Removal of dust accumulation inside the plant (dry/wet) shall be carried out, with using compact mobile unit with vacuum system of high-pressure cleaning.
 - Automatic two-level tyre washing facility shall be provided at entry and exit points, for transit mixture vehicle.

6. Foggers/ Fogging system with minimum 50 mtrs of water mist fog shall be installed at all dust generating sources.
7. CC TV cameras shall be installed at all the entry and exit points.
8. Global Positioning System (GPS) tracking system shall be installed to all RMC carrying vehicles.

It will be responsibility of RMC plant to ensure all vehicles shall be thoroughly cleaned before leaving RMC plant premises and is also cleaned at the place where RMC is dispatched. In no case transit mixtures carrying material on its outer surface shall be operated. Operator of the RMC plant will be held responsible for this lapse.

b. Raw material storage & handling:-

1. Storage silos of cement & fly-ash shall be equipped with adequate capacity of dust Collection system such as multi- cyclone followed by bag house assembly
2. Handling of Cement, sand, fly ash, gypsum and aggregates shall be carried out with mechanical closed system only.
3. Manual operations shall be permitted only in a closed shed which will be equipped with dust control system at the loading point as well as roof top secondary dust control system.
4. All Conveyor belts of Sand, aggregate shall be covered with tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
5. All the raw materials must be stored in closed silos /bins of adequate capacity.
6. Mixing section of cement, aggregate & sand (equivalent) shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag house, so as to limit dust emissions.
7. Storage area of sand (equivalent) & aggregate shall be equipped with roof top water sprinkler system.
8. The operation of the plant shall be interlocked with air pollution control devices.
9. Alternative power supply system should cover both the production and Air pollution control system.

c. The unit shall monitor ambient air quality at the plot boundary and meet the following ambient air quality standards (24 hours Average)

Particulate Matter PM 10	Not to Exceed	100 ug/m ³
Particulate Matter PM 2.5	Not to Exceed	60 ug/m ³

(a) Commercial plants shall install standard sensor-based Air Quality Monitoring System within the premises for parameters PM10 & PM2.5.

(b) Captive plants shall carry out ambient air quality monitoring twice a week for 24 hours.

(c) All such records shall be made available during inspection by MPCB officials.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	Rs. 15 lakhs	15 days	Compliance of Consent Conditions	Continuous	31/08/2030

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				



SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
8. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
9. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
10. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

11. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
12. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
13. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
14. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
15. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
16. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
17. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
18. The industry should not cause any nuisance in surrounding area.
19. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
20. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
21. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
22. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto

23. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
24. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
25. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
26. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
27. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
28. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
29. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
30. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.
