Consent

From: Consent
Sent: Thursday, July 4, 2024 10:30 AM
To: 'sromumbai2@mpcb.gov.in'
Subject: Submission of Half Yearly Post Monitoring Report for the period of October, 2023 – March, 2024 Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra.by M/s. Larsen & Toubro Ltd.
Attachments: PMR _L&T-112_October,2023-March, 2024.pdf

To,
The SRO Mumbai-II,
M.P.C.Board,
Kalapataru point, Sion (East),
Mumbai – 400 022.
Maharashtra

Subject: **Submission of Half Yearly Post Monitoring Report for the period of October, 2023 – March, 2024 for the proposed Mixed-Use Project at Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112, 115, 116/B of Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra.**

Reference: **Clearance letter no. SIA/MH/MIS/72610/2022 Dated 12.04.2023**
Clearance letter no. 21-80/2016-IA-III Dated 30th August, 2017.
Clearance letter no. SEAC-2014/C.R.151/C-1 Dated 28th January, 2016 and

Dear Sir,

This is with reference to the above subject for our project. We are submitting herewith our half yearly monitoring report with following contents:

- Data Sheet.
- Compliance Report.
- Post Environment Monitoring Report.
- Energy conservation report.
- Copy of Environmental Clearance.
- Copy of Consent to Establish.
- Copies of the advertisement published in the newspaper (Marathi & English).

This is for your kind information.

Thanking you,
Yours truly,
M/s. Larsen & Toubro Ltd.

C.C TO: 1. M.S., MPCB, Mumbai.
2. Environment Department, Mantralaya, Mumbai.

Thanks & Regards,
DWIRUKTI PODDAR

Consent – Asisstant | **ENVIRO ANALYSTS AND ENGINEERS PRIVATE LIMITED.**
Landline: **91-22 2854 1647/48/49/67/68**, Mobile: +91 9322086202 / 9321619714 | **d.poddar@eaepl.com**

Corporate Office: B-1003, Enviro House, 10th Flr. Western Edge II,
W.E. Highway, Borivali (E), Mumbai - 400066.
Landline: 022-2854-1647/48/49/67/68 |info@eaepl.com
Branch Offices: Mumbai | Nagpur| Pune | Tarapur | Mira Road (Lab)| Nashik |Thane
https¨⁄⁄www˚eaepl˚com
Ê*ile#this#email#in#an#email#folder#and#save#a#tree˚û

Scan to download brochure

DISCLAIMER:

- The information contained in this e-mail is intended only for the person or entity to which it is addressed and may be confidential or privileged material. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail.
- Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system.
- E-mails are not encrypted and cannot be guaranteed to be secure or Error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message which arise as a result of e-mail transmission. In case of any discrepancy, in the above said mail and its contents, the intended recipient should reply within 48 hours of the receipt of this mail, else it shall be approved as the case may be. If verification is required, please request a hard-copy version.

Consent

From: Consent
Sent: Thursday, July 4, 2024 10:30 AM
To: eccompliance-mh@gov.in
Subject: Submission of Half Yearly Post Monitoring Report for the period of October, 2023 – March, 2024 Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra.by M/s. Larsen & Toubro Ltd.
Attachments: PMR _L&T-112_October,2023-March, 2024.pdf

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: **Submission of Half Yearly Post Monitoring Report for the period of October, 2023 – March, 2024 for the proposed Mixed-Use Project at Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112, 115, 116/B of Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra.**

Reference: **Clearance letter no. SIA/MH/MIS/72610/2022 Dated 12.04.2023**
Clearance letter no. 21-80/2016-IA-III Dated 30th August, 2017.
Clearance letter no. SEAC-2014/C.R.151/C-1 Dated 28th January, 2016 and

Dear Sir,

This is with reference to the above subject for our project. We are submitting herewith our half yearly monitoring report with following contents:

- Data Sheet.
- Compliance Report.
- Post Environment Monitoring Report.
- Energy conservation report.
- Copy of Environmental Clearance.
- Copy of Consent to Establish.
- Copies of the advertisement published in the newspaper (Marathi & English).

This is for your kind information.

Thanking you,
Yours truly,
M/s. Larsen & Toubro Ltd.

C.C. to: 1. The Secretary, Environment Department, Mantralaya, Mumbai.
2. The M.S., MPCB, Sion, Mumbai.

Thanks & Regards,
DWIRUKTI PODDAR
Consent – Asisstant | **ENVIRO ANALYSTS AND ENGINEERS PRIVATE LIMITED.**
Landline: **91-22 2854 1647/48/49/67/68**, Mobile: +91 9322086202 / 9321619714 | **d.poddar@eaepl.com**

Corporate Office: B-1003, Enviro House, 10th Flr. Western Edge II,
W.E. Highway, Borivali (E), Mumbai - 400066.
Landline: 022-2854-1647/48/49/67/68 |info@eaepl.com
Branch Offices: Mumbai | Nagpur| Pune | Tarapur | Mira Road (Lab)| Nashik |Thane
https://www.eaepl.com

LARSEN & TOUBRO

Date: 27th May 2024

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur – 440001, Maharashtra.

Subject : **Submission of Half Yearly Post Monitoring Report for the period of October to March 2024 for the proposed Mixed Use Project at Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112 , 115,116/B of Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra.**

Reference: **Clearance Letter under File No. SIA/MH/INFRA2/455514/2023 (EC Identification No. EC24B039MH128684) dated 08.02.2024.**
Clearance letter No. SIA/MH/MIS/72610/2022 dated 12.04.2023.
Clearance file No. F. No. 21-80/2016-IA-III Dated 30th August, 2017.
Clearance letter no. File No.: SEAC-2014/C.R.151/C-1 Dated 28th January, 2016.

Dear Sir,

This is with reference to the above subject for our project. We are submitting herewith our half-yearly monitoring report with the following contents:

- Data Sheet.
- Compliance Report.
- Post Environment Monitoring Report.
- Energy conservation report.
- Copy of Environmental Clearance.
- Copy of Consent to Establish.
- Copies of the advertisement published in the newspaper (Marathi & English).

This is for your kind information.

Thanking you,
Yours truly,
M/s. Larsen & Toubro Ltd.

Authorized Signatory

LARSEN & TOUBRO LTD. MUMBAI

C.C TO:
1. Environment Department, Mantralaya, Mumbai
2. The RO MPCB, Mumbai.

Larsen & Toubro Limited
A. M. Naik Tower, 8th Floor, Gate No. 3, Jogeshwari - Vikhroli Link Road (JVLR), Powai, Mumbai - 400 072, Maharashtra, INDIA.
Tel.: +91 22 6705 8990 Fax: +91 22 6705 8903
CIN: L99999MH1946PLC004768

Registered Office:
L&T House, Narottam Morarjee Marg, Ballard Estate, Mumbai - 400 001, Maharashtra, INDIA.

LARSEN & TOUBRO

Date: 27th May 2024

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur – 440001, Maharashtra.

Subject: Present status of Project work for the period of October 2023 to March 2024.

Reference: : Clearance Letter under File No. SIA/MH/INFRA2/455514/2023 (EC Identification No. EC24B039MH128684) dated 08.02.2024.
Clearance letter No. SIA/MH/MIS/72610/2022 dated 12.04.2023.
Clearance file No. F. No. 21-80/2016-IA-III Dated 30th August, 2017.
Clearance letter no. File No.: SEAC-2014/C.R.151/C-1 Dated 28th January, 2016.

Dear Sir,

This is with reference to the above subject, for the proposed Mixed-Use Project at Plot bearing CTS.Nos.86&87 Village Paspoli & CTS No 112, 115,116/B of Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra.

The present project status at site is as follows:

Wings		Floors	Status
IT Building – Wing A		3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors	Construction not yet started
IT Building – Wing B		3rd B + 2 levels of Part B/Part P + stilt/Gr+1st to 2nd Floor	Occupation Certificate Received
IT Building – Wing C		3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors	Occupation Certificate received
IT Tower 1		3 basement + Ground + 19 floors	Under Construction
IT Tower 2		3 basement + Ground + 19 floors	Under Construction
Residential Building	T1	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Construction not yet started
	T2	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Under Construction
	T3	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Under Construction

Larsen & Toubro Limited
A. M. Naik Tower, 8th Floor, Gate No. 3, Jogeshwari - Vikhroli Link Road (JVLR),
Powai, Mumbai - 400 072, Maharashtra, INDIA.
Tel.: +91 22 6705 8990 Fax: +91 22 6705 8903
CIN: L99999MH1946PLC004768

LARSEN & TOUBRO LTD. MUMBAI

Registered Office:
L&T House, Narottam Morarjee Marg,
Ballard Estate, Mumbai - 400 001,
Maharashtra, INDIA.

	T4	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Under Construction
	T5	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Under Construction
	T6	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Construction not yet started
	T9	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Construction not yet started
	T10	2 Basement + 1 Basement /Lower Ground + Upper Ground/Podium 1 + Stilt + 26 Floors	Construction not yet started
	Club House Retail within Residential Podium	Basements (B3, B2) + B1/Lower + Upper Ground /Podium 1	Construction not yet started
School Building		B + Ground + 6 floors	Occupation Certificate Received

Thanking you,

Yours truly,
M/s. Larsen & Toubro Ltd.

Authorized Signatory

L&T TOUBRO LTD. MUMBAI

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environmental and Forests

Regional Office, West Central Zone, Nagpur.

Monitoring Report

PART – I

DATA SHEET

1.	Project type: river - valley/ mining/ Industry / thermal / nuclear/ Other (specify)	Mixed Use Project
2.	Name of the project	---
3.	Clearance letter (s) / OM/ no and date:	File No.: SIA/MH/MIS/72610/2022 dated 12.04.2023. File No.: F. No. 21-80/2016-IA-III Dtd. 30th August, 2017
4.	Location	plot bearing C.T.S. No. 112 & 115, 116/B of village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka Kurla, Mumbai.
a.	District (s)	-----
b.	State (s)	Maharashtra.
c.	Latitude / Longitude	-----
5.	Address for correspondence	
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax number)	MR. Ankur Jadhav, (Project Head – L&T Business Towers) LARSEN & TOUBRO LTD, 10thFloor, Tower -A, TC-II, Saki Vihar Road, Gate No. 5, Powai, Mumbai – 400 072. Email: Ankur.Jadhav@larsentoubro.com
b.	Address of Executive Project Engineer /Manager (with pin code / fax number)	MR. Parag Datar, (AGM. – L & T Realty, Powai West Project) LARSEN & TOUBRO LTD, 10thFloor, Tower -A, TC-II, Saki Vihar Road, Gate No. 5, Powai, Mumbai – 400 072 Email: Parag.Datar@larsentoubro.com

6.	Salient features	
a.	of the project	Total Plot Area = 2,34,952.18 sq.m. As per FSI: 3,05,945.83 sq.m. Non FSI: 2,50,335 sq.m. Total construction Area157943.83 sq.m. Buildings and Configurations: IT building: • Wing A – 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors • Wing B– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1st to 2nd Floor • Wing C– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors IT Towers: • IT Tower 1 with 3 basement + Ground + 1 podium + 19 floors IT Tower 2 with 3 Basement + Ground + 1 Podium + 19 floors • IT Tower 2 with 3 basements + Ground +18 upper floors Residential Towers: • T1 - 3 Basement + Ground + 1 podium + Stilt + 22 floor • T2 to T5 – 2 Basement (B3, B2) + B1 Lower Ground + Upper ground/ podium 1 + Stilt + 22 floor • **Retail within Residential podium footprint**: 2 Basement (B3, B2) + B1/ Lower Ground+ Upper Ground/ Podium 1 School: • B + Ground + 6 floors
b.	of the environmental management plans	1. *Sewage Treatment Plant:* 6 Nos. of Sewage Treatment Plant with capacity 1553 KLD will be provided for treating the wastewater. Recycled wastewater will be used for Flushing, gardening etc. 2. *Water Management:* Rain Water Harvesting shall be provided to

		recharge the ground water table. 3. *Solid Waste Management:* • Non-Biodegradable waste shall be handed over to authorize recycler. • Biodegradable waste will be treated in OWC & the manure will be used for landscaping at site and as replacement for saw dust in OWC. • STP Sludge will be used as manure.
7.	Break Up Of the project Area	
a.	Submerge area: forest & non-forest	Non-Forest
b.	Others	Total Plot Area = 2,34,952.18 sq.m. As per FSI: 3,05,945.83 sq.m. Non FSI: 2,50,335 sq.m. Total construction Area157943.83 sq.m.
8.	Break up of the project affected: Population with enumeration of those losing houses / dwelling units, only agriculture land only, both dwelling units and agriculture land and landless labourers / artisan	Not Applicable.
a.	SC, ST / Adivasis:	---
b.	Others	---
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	
9.	Financial details	
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Total cost: 3077 Cr.

<table>
<tr><td>b.</td><td>Allocation made for environmental management plans with item wise and year wise break-up</td><td>EMP Cost:
<table><tr><th></th><th>Estimated Capital cost (rupees In lakh)</th></tr><tr><td>RWH</td><td>45</td></tr><tr><td>OWC</td><td>45</td></tr><tr><td>STP + LFD</td><td>122 (Excluding Civil cost)</td></tr><tr><td>Landscaping + Miyawaki</td><td>358</td></tr><tr><td>Energy system, LED, Solar</td><td>135 (Excluding Civil cost)</td></tr><tr><td>DMP</td><td>1016</td></tr><tr><td>BAC and dewatering</td><td>50</td></tr><tr><td>Total</td><td>1771</td></tr></table></td></tr>
<tr><td>c.</td><td>Benefit cost ratio/ Internal rate of return and the year of assessment</td><td>------</td></tr>
<tr><td>d.</td><td>Whether (c) includes the cost of environmental management as shown in the above</td><td>------</td></tr>
<tr><td>e.</td><td>Actual expenditure incurred on the project so far</td><td>Rs. 971.83 Cr</td></tr>
<tr><td>f.</td><td>Actual expenditure incurred on the environmental management plans so far</td><td>Rs. 13.64 Cr</td></tr>
<tr><td>10.</td><td colspan="2">Forest land required</td></tr>
<tr><td>a.</td><td>The status of approval for diversion of forest land for non-forestry use</td><td>The land is of non-forest type hence not applicable.</td></tr>
<tr><td>b.</td><td>The status of clearing and felling</td><td>R.G. Area: 10,400.64 Sq. m.
A combination of native evergreen trees and</td></tr>
</table>

		ornamental flowering trees, shrubs and palms are planned in the complex. There will be tree plantation of about 2000 Nos. Different species will be selected as per CPCB green belt guidelines and common species available in the proposed area.
c.	The status of compensatory afforestation, if any.	--------
d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far.	N.A.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information.	N.A.
12.	Status of construction	
a.	Date of commencement (Actual and/or planned)	December, 2016.
b.	Date of completion (Actual and/ of planned)	School – Sep-22, Residential Phase 3A – 30-Apr-25.
13.	Reasons for the delay if the project is yet to start	------
14.	Dates of site visits	
a.	The date on which the project was monitored by the regional office on previous occasions, if any	28.02.2017.
b.	Date of site visit for this monitoring report	19.12.2023; 11.03.2024.
15.	Details of correspondence with project authorities for obtaining action plans/ information on status on compliance to safeguards other than the routine letters for logistic support for site visits	M/s. Larsen & Toubro Ltd. File No.: F. No. 21-80/2016-IA-III Dtd. 30th August, 2017

COMPLIANCE REPORT

Developer

M/S. LARSEN & TOUBRO LTD,

Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112 , 115,116/B of Village Tungwa , Saki Vihar Road, Powai, Mumbai

COMPLIANCE REPORT

TERMS & CONDITIONS

SEAC Specific Conditions -

1.	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions thereunder as per the circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	PP reported that they have received approval from MCGM For FSI area: 1,54,909.73 Non-FSI Area: 2,24,192.06 Total Construction Area: 3,79,101.79 Copies enclosed as Annexure I.
2.	PP to obtain following NOCs as per amended plan a) SWD NOC for School & Residential Buildings. b) Civil Aviation NOC. c) Nalla Remarks.	PP reported that they have received the following NOC's a) SWD NOC for School & Residential Buildings. b) Civil Aviation NOC. c) Nalla Remarks. Copies enclosed as Annexure II.
3.	PP to submit certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.	PP reported that, RO Site visit has been done on 08.11.2022. We are awaiting the certified report. Copies enclosed as Annexure III.
4.	PP to reduce the discharge of treated water up to 35%. PP to submit NOC from concern authority for use of excess treated water in nearby Garden reservation / Construction.	PP reported that, they have proposing ZLD by virtue of using the excess treated water in HVAC
5.	PP to include cost of dewatering, basement ventilation & mechanical ventilation in EMP; PP to include DMP in EMP & accordingly, revise EMP of construction & Operation phase.	PP reported that, they have EMP costing. Copies enclosed as Annexure IV
6.	PP to relocate UGT's of all proposed buildings at 1st basement, such that top of UGT's are flash to the ground level.	PP reported that, the UG tank proposed in 1.5m below the Lower ground floor

7.	PP to relocate proposed parking on STP.	PP reported that, No parking is proposed over STP.
8.	PP to study carbon foot print study report.	PP has the carbon footprint.
SEIAA Specific Conditions -		
1.	This is restricted for IT Tower 1 & 2 (LTCT) up to height 17.278 m as per Civil Aviation NOC dated 07.08.2018. Further this EC is restricted for IT Tower 1 & 2 (LTCT) up to height 84.00 m & 79.80 m respectively as per CFO NoC dated 23.11.2022.	Condition is noted by PP.
2.	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary. PP to provide grass pavers of suitable types & strength to increase the water permeable mother earth area up to 1/3rd of plot area as well as to allow effective fire tender movement.	Condition is noted by PP.
3.	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	Condition is noted by PP.
4.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by Mo□F& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.	Condition is noted by PP.
5.	SEIAA after deliberation decided to grant Environment Clearance for- FSI Area – 154909.73 sq.m, Non FSI – 224192.06 sq. m, Total BUA – 379101.79 sq.m (Plan approval No (1) CHE/ES/0127/ST/337 (New) dated 27.12.2021 for LTBT (AMN Tower) – wing A,B, & C; (2) CHE/ES/2335/S/337 (New) dated 12.09.2022 for Residential Tower No. T2 to T5; (3) CHE/ES/2336/S/337 (New) for LTCT – Wing A & B and (4) P – 3502/2019(86,87 and 112 and others) IS ward/ Paspoli/337 dated 15.07.2022 for school building) (Restricted as per approval)	Yes, PP received the EC for - FSI Area – 154909.73 sq.m, Non FSI – 224192.06 sq. m, Total BUA – 379101.79 sq.m

General Conditions for Construction Phase: -

1.	The solid waste generated should be properly	PP reported that solid waste generated shall be

	collected and segregated. Dry/ inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	properly collected and segregated and also being stored separately in two bin system. Biodegradable Waste of operation phase shall be processed in OWC and manure so obtained will be used for landscaping. Non-biodegradable Waste shall be managed through recyclers.
2.	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.	PP reported that all construction waste gets collected and segregated properly. Most of that is reused for the construction activity. Muck will be dried before its final disposal.
3.	Any hazardous waste generator during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra pollution Control Board.	PP reported that used oil will be disposed through Authorized vendor of MPCB.
4.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	PP reported that adequate drinking water facility is provided for the workers at the site during construction phase. Toilets are provided for construction workers. Bins have been provided to dispose the municipal solid waste generated from labour camps.
5.	Arrangement shall be made that waste water and storm water do not get mixed.	PP reported that separate confined sewage system has been proposed which will be connected to STP for the treatment and reuse of the treated water. Excess treated water shall be disposed off into the sewer drain. Strom water drain shall be in covered drain system and will be connected to municipal drain.
6.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	PP reported that ready mix concrete is used to reduce water demand during construction.
7.	The ground water level and its quality should be monitored regularly in consultation with Ground water Authority.	As per the PP, there is no extraction of ground water in this project. The ground water levels and its quality are checked before commencement of the project. The copy of the same is enclosed herewith.

8.	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	PP reported that they are not drawing any water from ground. We are using only Tanker water for construction from MCGM.
9.	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	PP reported that adequate measures will be taken into consideration to minimize the wastage of water.
10.	The Energy Conservation Building Code shall be strictly adhered to	Condition noted by PP.
11.	All the topsoil excavated during construction activities should be stored for use I n horticulture / landscape development within the project site.	PP reported that Excavated topsoil is used for landscaping.
12.	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	PP reported that the cut & fill is minimum to the extent possible. The cut & fill is accordance with the natural contour and it will be maintained in such a way that the natural drainage will not disturb. There will not be import and export of soil from site.
13.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	PP reported that soil testing was done and according to the reports all the parameters are within the prescribed norms.
14.	PP to strictly adhere all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1995 as amended during the validity of Environment Clearance.	Condition noted by PP.
15.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	PP reported that DG set specifications will be as per CPCB norms.
16.	PP to strictly adhere all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1995 as amended during the validity of Environment Clearance.	Condition noted by PP.
17.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate	PP reported that the PUC checked/authorized vehicles are allowed on the site for transfer of material.

	and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	
18.	Ambient noise levels should conform to residential standards both during day and night. 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 CPCB/MPCB.	Following care are taken regarding noise levels with conformation to the residential area. 1.Use of well-maintained equipment fitted with silencers. 2. Noise shields near the heavy construction operations are provided. 3. Construction activities are limited to daytime hours only. Also use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities. The ambient air and noise report is enclosed herewith. The report indicates that the same are within the prescribed norms defined by the concern authority.
19.	Diesel power generating sets proposed as sources of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed GD sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	• D.G. sets of 4 X 1500 KVA; 2 X 1250 KVA; 4 X 1500 KVA; 4X1500 KVA; 1X 630 KVA; 1 X 1000 KVA; 1 X 500 KVA; 1 X 630 KVA will be provided as back up for Commercial buildings. • D.G. sets provided are with silencer & acoustic enclosures. The stacks shall be provided as per MPCB norms.
20.	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.	PP reported that regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
General Conditions operation phase:-		
1.	The solid waste generated should be properly collected and segregated. Dry/ inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	PP reported that the solid waste generated shall be properly collected and segregated and also being stored separately in two bin system. Biodegradable Waste of operation phase shall be processed in OWC and manure so obtained will be used for landscaping. Non-biodegradable Waste shall be managed

		through recyclers.
2.	E- waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	The PP reported that E-waste generated will be managed as per E-Waste Management Rules, 2016. It will be handed over to authorized vendor.
3.	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 Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled / refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	PP reported that the STP with 1553 KLD capacities are provided. Construction and installation of STP shall be carried out by expert consultant. Treated water shall be used for the flushing and Gardening, Landscaping and Green belt area development. After the satisfactory completion of the work, the installation will be get certified from independent expert agency and report in this regard will be submitted to the Ministry of Environment, Forest and Climate Change before the project is commissioned for operation.
4.	Project proponent shall ensure completion of STP, MSW disposal facility, green belt developed prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in	PP reported that the provisions of STP, MSW disposal facility & Green Belt development will be completed before getting the Occupation certificate.
5.	The occupancy certificate shall be issued by the local planning authority to the project only after ensuring sustained availability of drinking, water, connectivity of sewer line to the project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Condition is Noted by PP.
6.	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.	• This effect would be prominent during construction as well as operation phase. The probability of inconvenience faced due to the frequency of truck movement during construction phase would be minimized by better control of traffic movement in the area. Noise levels expected from the planned operating conditions have been assessed and

		are likely to be within acceptable levels. The impacts have been mitigated by the suggested measures in the "air control and management section". • Anti-honking sign boards are placed in the parking areas and on entry and exit point. The project will be provided with sufficient road facilities within the project premises and there will be a large area provided for the parking of vehicles. • Width of all internal roads (m): Minimum 9.00 m. wide road. • Parking Details: ➢ Two-Wheeler Parking- 423 No's ➢ Four – Wheeler Parking : LTCT – 2045 Nos Resi - 1418 Nos School – 61 Nos LTBT – 1480 Nos
7.	PP to provide adequate electric charging points for electric vehichles (EVs.)	Condition is Noted by PP.
8.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with local DFO/ Agriculture Dept.	• The green area proposed is 10,400.64 m^2. Accordingly, same will be provide as per approved plan. • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. • There will be tree plantation of about 48 nos. • Plantation Details: Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area.
9.	A separate environment management cell with qualified staff shall be set up for implantation of the stipulated environmental safeguards.	PP reported that separate environment management cell with qualified staff is formed and implementing the same.
10.	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item-wise breaks-up. These cost shall be included as part of the	PP reported that EMP cost has been worked out and allocated for all air pollution devices and other facilities.

	project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB and this department.	EMP Cost: Capital Cost: Rs. 1732.50 lakhs O & M Cost: Rs. 402 lakhs/ yr
11.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http:ec.maharashtra.gov.in.	The PP reported that the advertisement is published in two local newspapers. One of which is a local newspaper and one is national. Copies of the same are enclosed in the Annexures. Also, the advertisement is displayed on our company's website.
12.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the MPCB and this department, on 1st June and 1st December of each calendar year.	PP reported that they are regularly submitting six monthly reports to Environment Department, Mantralaya & MPCB.
13.	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Yes, PP noted the condition & agreeable to the same.
14.	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 mainly; SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sector 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.	PP reported that regular monitoring is been carried out and the results of the same are submitted to concern authority along with the report.

General EC Conditions: -

1.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Condition is noted by PP.
2.	If applicable consent for Establishment shall be obtained from Maharashtra Pollution Control Board under Air and water Act and a copy shall be submitted to the Environment t Department before start of any construction work at the site.	Obtained Consent to Establish and Operate from MPCB. Copies is enclosed.
3.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Environmental Clearance is already obtained. Obtained Consent to Establish.
4.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	PP reported that they are regularly submitting six monthly reports to Environment Department, Mantralaya & MPCB.
5.	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 respective Regional Offices of MoEF by e-mail.	Yes, PP noted the condition & agreeable to the same.
6.	This environmental Clearance is issued to obtaining NoC from forestry & wildlife angle including clearance from the standing committee of the National Board for wild Life as if applicable & this environment clearance does not necessarily implies the forestry & wild life clearance granted to the project will be considered separately on merit.	Condition is noted by PP & agreeable to the same.
7.	The environmental Clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that	Yes, PP noted the condition & agreeable to the same.

	project proponent has not violated any environmental laws in the past and whatever decision of the Hon`ble court will be binding on the project proponent. Hence this clearance doesn't give immunity to the project proponent in the case filed against him.	
8.	The environmental Clearance is being issued purely from environment point of view without prejudice to any court cases and all other applicable permissions/ NoCs shall be obtained before starting proposed work at site.	Condition is noted by PP & agreeable to the same.
9.	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	Yes, PP noted the condition & agreeable to the same.
10.	Validity of Environmental Clearance: The environmental clearance accorded shall be valid for a period of 7 years as per MoEF&CC Notification dated 29th April, 2015.	Noted by PP. Shall be as per the circulars prevailing at the time of granting EC.
11.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Yes, PP noted the condition & agreeable to the same.
12.	Any appeal against this environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 151 Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Yes, PP noted the condition & agreeable to the same.

ENERGY CONSERVATION MEASURES

Developer

M/S. LARSEN & TOUBRO LTD,

Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112 , 115,116/B of Village Tungwa , Saki Vihar Road, Powai, Mumbai

ENERGY CONSERVATION MEASURES

Sr. No.	Description	Power Requirement (kW)		Energy Consumption (kWh/day)		Remarks
		Conventional Method	Energy Saving Method	Conventional Method	Energy Saving Method	
1	Common Area Lighting	108	75	1287	893	
2	Lifts	342	291	1710	1454	Use of AC-VVVF drives & regenerative braking
3	Domestic & Flushing Pumps	168	134	672	538	Using high efficiency motors with soft starters and level sensors.
4	STP load	60	51	840	714	
5	Ventilation	148	126	893	759	Use of energy efficient motors with VFD control
	Total			5402	4358	
				X	Y	
	Solar PV Installed Capacity in kW					79
A	Energy Generation through Solar per Day (KWh)					395
B	Energy Generation through Solar Cells per annum (kWh) B = A x 365 Days					144,175
C	Energy Consumed using Conventional Method per annum (kWh) for Common Area = X x 365 days					1,971,730
D	Energy Consumed Incorporating Energy Saving Methods per annum (kWh) for Common Area = Y x 365 day					1,590,670
E	Total Energy Saving Per Annum (Common Area) = C - D					381,060
F	Total Energy Saving (%) Per Annum on Common Area = (E+B)/C					26.6
G	% of solar energy generation on Common Area Consumption = B/C * 100					7%
H	Total energy consumption per annum for apartments / Annum in KWh = Number of Apartments (543) * 700 Avg Units / Apartment per Month * 12					4,561,200
I	Total consumption per annum including apartments (kWh) = D + H					6,151,870
I	% of solar energy generation on Total Consumption (Common Area + Apartments) = B / I * 100					2.3%

SOLAR AND ENERGY SAVINGS COMBINED (LTCT+AMNT+SCHOOL)		
	Solar PV Installed Capacity in kW	226
A	Energy Generation through Solar per Day (KWh)	1130
B	Energy Generation through Solar Cells per annum (kWh) B = A x 365 Days	412450
C	Energy Consumed using Conventional Method per annum (kWh) (Reference ECBC compliance Energy Simulation Report)	29221000
D	Energy Consumed Incorporating Energy Saving Methods per annum (kWh) (Reference ECBC compliance Energy Simulation Report)	25227294
E	Total Energy Saving Per Annum = C - D	3993706
F	Total Energy Saving (%) Per Annum	15.1
G	% of solar energy generation = B/C * 100	1.6%

HALF YEARLY POST MONITORING ENVIRONMENTAL REPORT

OF

"Mixed Use Project"

For

October, 2023 – March, 2024

Developer

M/S. LARSEN & TOUBRO LTD,

Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112 , 115,116/B of Village Tungwa , Saki Vihar Road, Powai, Mumbai

Prepared by

ENVIRO ANALYSTS & ENGINEERS P. LTD.,

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Ambient Air Quality Monitoring Report

Report No - EAEPL/A/12/23/01909A			**Report Date - 28.12.2023**
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference** – W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Ambient Air	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/A/12/23/01909A (Near Main Gate of Site)	**Sample quantity and packing**	PM_{10} = 1 * 1 No. Filter paper $PM_{2.5}$ = 1 * 1 No. Filter paper SO_2 = 30ml * 2 No. PVC bottle NO_2 = 30ml * 2 No. PVC bottle
		Sample Preservation	Filter papers – Transported and stored in desiccator. PVC bottles - Transported and stored at 5°C (±1 °C).
Date of Sampling	19.12.2023	**Date of Receipt**	20.12.2023
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	20.12.2023 to 21.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Environmental Conditions		
Ambient Air Temperature (°C)	**Relative Humidity (%)**	**Duration of Monitoring**
29°C	56%	8 Hours

RESULTS

Tests Parameter	Results	NAAQS LIMITS	METHOD
Particulate Matter (PM_{10})	82.08	100 µg/m³	IS 5182 (Part 23) 2006 Reaffirmed 2022
Particulate Matter ($PM_{2.5}$)	42.16	60 µg/m³	IS 5182 (Part 24) 2019
Sulphur Dioxide (SO_2)	21.94	80 µg/m³	IS 5182 (Part 2) Sec1: 2023
Nitrogen Dioxide (NO_2)	23.52	80 µg/m³	IS 5182 (Part 6) 2006; Reaffirmed 2022

Remark: All the measured values are within NAAQS limits.

----------**End**----------

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/12/23/01909B			**Report Date - 28.12.2023**
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –** W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Ambient Noise	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/12/23/01909B	**Sample quantity and packing**	Not Applicable
Date of Sampling	19.12.2023	**Date of Receipt**	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	DECEMBER, 2023		

Discipline: Chemical **Group: Atmospheric Pollution**

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Main Gate of site	dB(A) Leq.	54.2	44.1	55	45
Near Site Office	dB(A) Leq.	54.5	42.8	55	45
Near Back side of site	dB(A) Leq.	53.8	42.2	55	45
Near Centreside of site	dB(A) Leq.	53.5	43.1	55	45

Remark: The noise level was observed to be within CPCB limits at all of the locations.

----------End----------

For M/S. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

ENVIRO ANALYSTS & ENGINEERS PVT. LTD. MUMBAI 400 066

Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Water Sample Analysis Report

Report No - EAEPL/W/12/23/01909C			**Report Date –28.12.2023**
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –** W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Tanker Water	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/12/23/01909C (Near Backside of site)	**Sample quantity and packing**	2 L X 1 Nos. PVC Can.
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	20.12.2023	**Date of Receipt**	20.12.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	20.12.2023 to 28.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Chemical **Group: Water**

Parameters	Unit	Results	Method
pH	-	7.74	IS 3025 (Part 11) 2022
Turbidity	NTU	<1.0	IS 3025 (Part 10) 2023
TDS	mg/L	318	IS 3025 (Part 16) 2023
Alkalinity	mg/L	60.51	IS 3025 (Part 23) 2023
Chlorides as Cl	mg/L	56.32	IS 3025 (Part 32) 1988 Reaffirmed 2019
Total Hardness	mg/L	203.63	IS 3025 (Part 21) 2009 Reaffirmed 2019
Calcium	mg/L	41.38	IS 3025 (Part 40) 1991 Reaffirmed 2019
Residual chlorine	mg/L	ND	IS 3025 (Part 26) 2021
Sulphate	mg/L	34.85	IS 3025 (Part 24) Sec 1: 2022
Nitrate	mg/L	ND	APHA 4500-NO3 B (23rd Edition)
Fluoride	mg/L	ND	APHA 4500 F-D (23rd Edition)
Heavy Metals:			
Iron (Fe)	mg/L	ND	IS 3025 (Part 2) 2019
Copper (Cu)	mg/L	ND	IS 3025 (Part 2) 2019
Zinc (Zn)	mg/L	ND	IS 3025 (Part 2) 2019
Lead (Pb)	mg/L	ND	IS 3025 (Part 2) 2019
Chromium (Cr)	mg/L	ND	IS 3025 (Part 2) 2019

Note: ND – Not Detected

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Water Sample Analysis Report

Report No - EAEPL/W/12/23/01909C			**Report Date –28.12.2023**
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference** – W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Tanker Water	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/12/23/01909C (Near Backside of site)	**Sample quantity and packing**	250ml X 1 No St. PP Bottle
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	20.12.2023	**Date of Receipt**	20.12.2023
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	20.12.2023 to 22.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Biological **Group: Water**

Parameters	Unit	Results	Method
Microbiological Analysis:			
Coliforms	MPN/100ml	< 2	IS 1622:1981 (Reaffirmed 2019)
E. coli	MPN/100ml	< 2	IS 1622:1981 (Reaffirmed 2019)

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Authorized Signatory
(Shweta Sonawane)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Soil Sample Analysis Report

Report No. - EAEPL/S/12/23/01909D			**Report Date - 28.12.2023**
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –**W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli, Mumbai, Maharashtra.		
Nature and Description of Sample	Soil	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	(Near Centreside of Site) EAEPL/S/12/23/01909D	**Sample quantity and packing**	1000 gm X 1 zip lock bag
		Preservation	Transported & stored in dry area
Date of Sampling	20.12.2023	**Date of Receipt**	20.12.2023
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	20.12.2023 to 28.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Chemical **Group: Soil & Rock**

Parameters	Unit	Results	Methods
pH	-	8.24	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	881.00	IS 14767:2000, Reaffirmed:2021
Organic Matter	%	2.18	IS 2720 (Part 22) – 1972 (Reaffirmed 2020)
Available Phosphorus	mg/kg	1.1	EAEPL/LAB/SOP/SOIL/11
Total Kjeldhal Nitrogen	mg/kg	618.41	IS 14684:1999 (Reaffirmed 2019)
Soil Moisture	%	27.34	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	32.10	EAEPL/LAB/SOP/SOIL/10
Chlorides	mg/kg	104.68	EAEPL/LAB/SOP/SOIL/03
Calcium	mg/kg	2349.11	EPA 9080
Magnesium	mg/kg	275.08	EPA 9080
Sulphate	mg/kg	24.31	IS 2720 (Part 27) 1977 Reaffirmed 2020
Sodium (Na)	mg/kg	1398.51	EPA 3050B
Potassium (K)	mg/kg	1410.20	EPA 3050B
Heavy Metals:			
Iron (Fe)	mg/kg	42197.84	EPA 3050B
Copper (Cu)	mg/kg	57.21	EPA 3050B
Lead (Pb)	mg/kg	11.51	EPA 3050B
Zinc (Zn)	mg/kg	154.33	EPA 3050B

----------End----------

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

ENVIRO ANALYSTS & ENGINEERS PVT. LTD. MUMBAI 400 066

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Waste Water Sample Analysis Report

Report No - EAEPL/WW/12/23/01909E			**Report Date –28.12.2023**
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –**W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli, Mumbai, Maharashtra.		
Nature and Description of Sample	STP Water	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	Inlet EAEPL/WW/12/23/01909E	**Sample quantity and packing**	1L x 1No. PVC Can; 1L x 1No. Glass Bottle
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	20.12.2023	**Date of Receipt**	20.12.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	20.12.2023 to 28.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Chemical **Group: Pollution & Environment**

Parameters	Unit	Results	Method
pH	-	6.85	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	428	IS 3025 (Part 16) 2023
Total Suspended Solids	mg / l	78	IS 3025 (Part 17) 2022
Chemical Oxygen Demand	mg / l	361.86	IS 3025 (Part 58) 2023
Biochemical Oxygen Demand (27^0C for 3 Days)	mg / l	116	IS 3025 (Part 44) 2023
Oil & Grease	mg / l	< 10.0	IS 3025 (Part 39) 2021

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET, NABL Accredited and MoEFCC Approved)
CIN No-U28900MH1995PTC093129 | GST No-27AAACE6597R1ZP
B-1003,Enviro House,10th Flr, Western Edge II, W.E. Highway, Borivali (E), Mumbai-400066

Waste Water Sample Analysis Report

Report No - EAEPL/WW/12/23/01909F			**Report Date –28.12.2023**
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –**W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli, Mumbai, Maharashtra.		
Nature and Description of Sample	STP Water	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	Outlet EAEPL/WW/12/23/01909F	**Sample quantity and packing**	1L x 1No. PVC Can; 1L x 1No. Glass Bottle
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	20.12.2023	**Date of Receipt**	20.12.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	20.12.2023 to 28.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Chemical **Group: Pollution & Environment**

Parameters	Unit	Results	Method
pH	-	7.86	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	244	IS 3025 (Part 16) 2023
Total Suspended Solids	mg / l	22	IS 3025 (Part 17) 2022
Chemical Oxygen Demand	mg / l	29.34	IS 3025 (Part 58) 2023
Biochemical Oxygen Demand (27^0C for 3 Days)	mg / l	9.35	IS 3025 (Part 44) 2023
Oil & Grease	mg / l	< 10.0	IS 3025 (Part 39) 2021

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Ambient Air Quality Monitoring Report

Report No. - EAEPL/A/03/24/00613			**Report Date - 19.03.2024**
ULR Number: TC11189240000000613F			
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –** W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Ambient Air	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/A/03/24/00613 (Near Main Gate of Site)	**Sample quantity and packing**	PM_{10} = 1 * 1 No. Filter paper. $PM_{2.5}$ = 1 * 1 No. Filter paper. SO_2 = 30ml * 2 No. PVC bottle. NO_2 = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	11.03.2024	**Date of Receipt**	12.03.2024
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	12.03.2024 to 13.03.2024		
Report for the month	MARCH, 2024		

Discipline: Chemical **Group: Atmospheric Pollution**

Environmental Conditions		
Ambient Air Temperature (°C)	**Relative Humidity (%)**	**Duration of Monitoring**
30°C	53%	8 Hours

RESULTS

Tests Parameter	Results	NAAQS LIMITS	METHOD
Particulate Matter (PM_{10})	83.06	100 µg/m³	IS 5182 (Part 23) 2006 Reaffirmed 2022
Particulate Matter ($PM_{2.5}$)	44.72	60 µg/m³	IS 5182 (Part 24) 2019
Sulphur Dioxide (SO_2)	22.32	80 µg/m³	IS 5182 Part 2 (2001) Sec 1:2023
Nitrogen Dioxide (NO_2)	24.61	80 µg/m³	IS 5182 Part 6 (2006) Reaffirmed 2022

Remark: All the measured values are within NAAQS limits.

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/03/24/00614			**Report Date - 19.03.2024**
ULR Number: TC11189240000000614F			
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference** – W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Ambient Noise	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/03/24/00614	**Sample quantity and packing**	Not Applicable
Date of Sampling	12.03.2024	**Date of Receipt**	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	MARCH, 2024		

Discipline: Chemical **Group: Atmospheric Pollution**

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Main Gate	dB(A) Leq.	53.2	42.6	55	45
Near Centreside of Site	dB(A) Leq.	52.6	43.2	55	45
Near Backside of Site	dB(A) Leq.	54.7	42.1	55	45
Near Site Office	dB(A) Leq.	54.3	44.5	55	45

Remark: The noise level was observed to be within CPCB limit at all of the locations.

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

Authorized Signatory
(Netra Pawar)

ENVIRO ANALYSTS & ENGINEERS PVT. LTD. MUMBAI 400 066

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Water Sample Analysis Report

Report No. - EAEPL/W/03/24/00615			**Report Date - 19.03.2024**
ULR Number: TC111892400000000615F			
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –** W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Tanker Water Sample	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/03/24/00615 (Near Main Gate of site)	**Sample quantity and packing**	2 L X 1 No. PVC Can
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	12.03.2024	**Date of Receipt**	12.03.2024
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	12.03.2024 to 19.03.2024		
Report for the month	MARCH, 2024		

Discipline: Chemical **Group: Water**

Parameters	Unit	Results	Method
pH	-	7.61	IS 3025 (Part 11) 2022
Turbidity	NTU	< 1.0	IS 3025 (Part 10) 2023
TDS	mg/L	82.00	IS 3025 (Part 16) 2023
Alkalinity	mg/L	54.00	IS 3025 (Part 23) 2023
Chlorides as Cl	mg/L	10.07	IS 3025 (Part 32) 1988 Reaffirmed 2019
Total Hardness	mg/L	56.68	IS 3025 (Part 21) 2009 Reaffirmed 2019
Calcium	mg/L	14.43	IS 3025 (Part 40) 1991 Reaffirmed 2019
Residual chlorine	mg/L	ND	IS 3025 (Part 26) 2021
Sulphate	mg/L	3.29	IS 3025 (Part 24) Sec 1: 2022
Nitrate	mg/L	ND	APHA 4500-NO3 B (23rd Edition)
Fluoride	mg/L	ND	APHA 4500 F-D (23rd Edition)
Heavy Metals:			
Iron (Fe)	mg/L	ND	IS 3025 (Part 2) 2019
Copper (Cu)	mg/L	ND	IS 3025 (Part 2) 2019
Zinc (Zn)	mg/L	ND	IS 3025 (Part 2) 2019
Lead (Pb)	mg/L	ND	IS 3025 (Part 2) 2019
Chromium (Cr)	mg/L	ND	IS 3025 (Part 2) 2019

Note: ND – Not Detected

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

ENVIRO ANALYSTS & ENGINEERS PVT. LTD. MUMBAI 400 066

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Water Sample Analysis Report

Report No. - EAEPL/W/03/24/00615			**Report Date - 19.03.2024**
ULR Number: TC11189240000000615F			
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –** W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Tanker Water Sample	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/03/24/00615 (Near Main Gate of site)	**Sample quantity and packing**	250 ml X 1 No. St. PP. Bottle
		Sample Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	12.03.2024	**Date of Receipt**	12.03.2024
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	13.03.2024 to 18.03.2024		
Report for the month	MARCH, 2024		

Discipline: Biological **Group: Water**

Parameters	Unit	Results	Method
Microbiological Analysis:			
Coliforms	MPN/100ml	30	IS 1622:1981 (Reaffirmed 2019)
E. coli	MPN/100ml	< 2	IS 1622:1981 (Reaffirmed 2019)

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

MUMBAI 400 066

Authorized Signatory
(Shweta Sonawane)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Waste Water Sample Analysis Report

Report No. - EAEPL/WW/03/24/00616			**Report Date - 19.03.2024**
ULR Number: TC11189240000000616F			
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –**W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli, Mumbai, Maharashtra.		
Nature and Description of Sample	STP Water	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	Inlet EAEPL/WW/03/24/00616	**Sample quantity and packing**	1L x 1No. PVC Can; 1L x 1No. Glass Bottle
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	12.03.2024	**Date of Receipt**	12.03.2024
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	12.03.2024 to 19.03.2024		
Report for the month	MARCH, 2024		

Discipline: Chemical **Group: Pollution & Environment**

Parameters	Unit	Results	Method
pH	-	7.18	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	228.0	IS 3025 (Part 16) 2023
Total Suspended Solids	mg / l	40.0	IS 3025 (Part 17) 2022
Chemical Oxygen Demand	mg / l	79.62	IS 3025 (Part 58) 2023
Biochemical Oxygen Demand (27°C for 3 Days)	mg / l	26.36	IS 3025 (Part 44) 2023
Oil & Grease	mg / l	< 10.0	IS 3025 (Part 39) 2021

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

ENVIRO ANALYSTS & ENGINEERS PVT. LTD. MUMBAI 400 066

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Waste Water Sample Analysis Report

Report No. - EAEPL/WW/03/24/00617			**Report Date - 19.03.2024**
ULR Number: TC11189240000000617F			
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference** –W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli, Mumbai, Maharashtra.		
Nature and Description of Sample	STP Water	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	Outlet EAEPL/WW/03/24/00617	**Sample quantity and packing**	1L x 1No. PVC Can; 1L x 1No. Glass Bottle
		Preservation	Cool -Transported and stored at 5°C (± 1°C).
Date of Sampling	12.03.2024	**Date of Receipt**	12.03.2024
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	12.03.2024 to 19.03.2024		
Report for the month	MARCH, 2024		

Discipline: Chemical **Group: Pollution & Environment**

Parameters	Unit	Results	Method
pH	-	7.74	IS 3025 (Part 11) 2022
Total Dissolved Solids	mg / l	60.0	IS 3025 (Part 16) 2023
Total Suspended Solids	mg / l	10.0	IS 3025 (Part 17) 2022
Chemical Oxygen Demand	mg / l	39.81	IS 3025 (Part 58) 2023
Biochemical Oxygen Demand (27^0C for 3 Days)	mg / l	13.64	IS 3025 (Part 44) 2023
Oil & Grease	mg / l	< 10.0	IS 3025 (Part 39) 2021

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

ENVIRO ANALYSTS & ENGINEERS PVT. LTD. MUMBAI 400 066

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRO ANALYSTS & ENGINEERS PVT. LTD.
(NABET & NABL Accredited)
CIN No-U28900MH1995PTC093129 | GST NO- 27AAACE6597R1ZP
Mira Road (Lab): Row House No.2, Shalom Garden, Opp. Kanakia College, Mira Road (E), Thane-401107
TC-11189

Soil Sample Analysis Report

Report No. - EAEPL/S/03/24/00618			**Report Date - 19.03.2024**
ULR Number: TC11189240000000618F			
Name of Customer	**M/s. Larsen & Toubro Ltd. (Realty Division)**		**Reference –** W.O. No. 5100000304
Site Address	CTS NO. 112,115 of Village Tungwa & CTS NO. 86, 87 of Village Paspoli Mumbai, Maharashtra.		
Nature and Description of Sample	Soil	**Sample Collected by**	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/S/03/24/00618 (Near Centre side of Site)	**Sample quantity and packing**	1000gm X 1 Zip lock bag
		Sample Preservation	Transported & stored in dry area.
Date of Sampling	12.03.2024	**Date of Receipt**	12.03.2024
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	12.03.2024 to 19.03.2024		
Report for the month	MARCH, 2024		

Discipline: Chemical **Group: Soil & Rock**

Parameters	Unit	Results	Method
pH	--	7.42	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	720.00	IS 14767:2000, Reaffirmed:2021
Soil Moisture	%	15.25	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	25.38	EAEPL/LAB/SOP/SOIL/10
Organic Matter	%	2.80	IS 2720 (Part 22) – 1972 (Reaffirmed 2020)
Chlorides as Cl	mg/kg	99.50	EAEPL/LAB/SOP/SOIL/03
Total Kjeldhal Nitrogen	mg/kg	694.35	IS 14684:1999 (Reaffirmed 2019)
Exchangeable Ca	mg/kg	2310.77	EPA 9080
Exchangeable Mg	mg/kg	257.36	EPA 9080
Sulphate	mg/kg	32.74	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Available Phosphorus	mg/kg	1.50	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	1473.80	EPA 3050B
Potassium (K)	mg/kg	1568.89	EPA 3050B
Copper (Cu)	mg/kg	60.85	EPA 3050B
Iron (Fe)	mg/kg	44404.30	EPA 3050B
Lead (Pb)	mg/kg	9.51	EPA 3050B
Zinc (Zn)	mg/kg	184.46	EPA 3050B

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by

(QM/DM)
(Shweta Sonawane)

Approved by

Authorized Signatory
(Shilpa Dhamankar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

----------End of Report----------

ENVIRONMENT CLEARANCE

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

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

To,

The DGM

LARSEN TOUBRO LTD

L and T Business Park, Tower A, Gate No. 5, Saki Vihar Road, Powai, Mumbai -400072

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/MH/MIS/72610/2022 dated 02 Mar 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC23B039MH136527**
2.	**File No.**	SIA/MH/MIS/72610/2022
3.	**Project Type**	Expansion
4.	**Category**	B1
5.	**Project/Activity including Schedule No.**	8(b) Townships and Area Development projects.
6.	**Name of Project**	Proposed Amendment of L & T (West) Mixed Use Project' on plot bearing C.T.S. No. 112 & 115, 116/B of village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka Kurla, Mumbai. By M/s. Larsen Toubro Ltd
7.	**Name of Company/Organization**	LARSEN TOUBRO LTD
8.	**Location of Project**	Maharashtra
9.	**TOR Date**	25 Feb 2022

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

(e-signed)
Pravin C. Darade , I.A.S.
Member Secretary
SEIAA - (Maharashtra)

Date: 12/04/2023

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.

This is a computer generated cover page.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/72610/2022
Environment & Climate Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s. Larsen and Toubro Ltd.
C.T.S. No. 112 & 115, 116/B of village Tungwa
& C.T.S. No. 86 & 87 of Village Paspoli,
Saki Vihar Road, Powai, Taluka Kurla, Mumbai

Subject: Environment Clearance for proposed amendment of L & T (West) Mixed Use Project' on plot bearing C.T.S. No. 112 & 115, 116/B of village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka Kurla, Mumbai by M/s. Larsen and Toubro Ltd.

Reference: Application no. SIA/MH/MIS/72610/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 185th meeting under screening category 8 (b) B1 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 257th meeting (Day-4) of State Level Environment Impact Assessment Authority (SEIAA) held on 10.03.3023.

2. Brief Information of the project submitted by you is as below:-

Sr. No.	Description	Details	
1.	Proposal Number	SIA/MH/MIS/72610/2022	
2.	Name of Project	Amendment of L & T (West) Mixed Use Project'on plot bearing C.T.S. No. 112 & 115, 116/B of village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka Kurla, Mumbai. By M/s. Larsen Toubro Ltd.	
3.	Project category	8(b), B1	
4.	Type of Institution	Private	
5.	Project Proponent	Name	M/s. Larsen Toubro Ltd.
		Regd. Office address	L&T Business Park, Tower A, Gate No. 5, Saki Vihar Road, Powai, Mumbai.
		Contact number	22-67051111
		e-mail	himtan69@gmail.com
6.	Consultant	Name: M/s. Enviro Analysts & Engineers Pvt Ltd. NABET Accreditation No: NABET/EIA/2023/RA0206 Validity: 13.05.2023	
7.	Applied for	Amendment in EC	

8.	Location of the project	Plot bearing C.T.S. No. 112 & 115, 116/B of village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka Kurla, Mumbai			
9.	Latitude and Longitude	Latitude: 19° 7'41.40"N Longitude: 72°53'33.66"E			
10.	Plot Area (Sq.m.)	2,34,952.18			
11.	Deductions (Sq.m.)	13,695.78			
12.	Net Plot area (Sq.m.)	(I)1,82,915.1 + (R) 38,341.30 = 2,21,256.4			
13.	Ground coverage (m^2) & %	21731.20 sqm, 9.8%			
14.	FSI Area (Sq.m.)	3,05,945.83			
15.	Non-FSI (Sq.m.)	2,50,335.66			
16.	Proposed built-up area (FSI + Non FSI) (Sq.m.)	5,56,281.49			
17.	TBUA (m^2) approved by Planning Authority till date	IOD received from MCGM -157943.83 sqm			
18.	Earlier EC details with Total Construction area, if any.	The project has received EC from MoEFCC dated 30.08.2017 for the total plot area 2,36,919.00 sqm and Total construction area of 5,79,125.45 sqm for total bldgs. 10 nos. of bldgs. (LTBT- Wing A, B, C, LTCT-T1, T2, Convenience shopping, Residential- T1 to T6+school).			
19.	Construction completed as per earlier EC (FSI + Non FSI) (Sq.m.)	LTBT and school has constructed on site having total construction area of 107560.69 sqm. Wing B and C of LTBT has received OC			
20.	**Previous EC / Existing Building**		**Proposed Configuration**		**Reason for Modification / Change**
	Configuration	**Height (m)**	**Configuration**	**Height (m)**	
	IT building: LTBT Wing A – 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 18th Floors Wing B– 3rd B + 2 levels of Part B/Part P +	IT building Wing A & C: 89.35 m up to terrace level Wing B:16.16 m	IT -B Towers: Wing A – 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors Wing B– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1st to 2nd Floor Wing C– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors	IIT building Wing A & C: 75.45 up to terrace TOC Wing B:16.16 m Wing C: 75.45 up to terrace TOC	Reduction in floors due to Aviation height Wing B and C is completed and OC received

	stilt/Gr+1st to 2nd Floor Wing C– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 18th Floors		Wing B&C OC Received		
	IT Towers: LTCT • IT Tower 1 with 3 basement + Ground + 18 floors • IT Tower 2 with 3 basements + Ground +18 upper floors • Convenience Shopping Building - 3 Basements + Ground + 4 floors **Residential Towers:** • T1 - 3 Basement + Ground + 1 podium + Stilt + 22 floor • T2 to T5 - 3 Basement + Ground + 1 podium + Stilt + 28 floor	IT tower 1: 84.60 m IT Tower 2: 84.60 m Convenience Shopping Building: 22.00 m Residential Tower T1: 80.70 m T2 to T5: 99.30 m T6: 86.90 m School: 30 m upto Terrace TOC	**LTCT Towers:** IT Tower 1 with 3 basement + Ground + 1 Podium + 19 floors IT Tower 2 with 3 basement + Ground + 1 Podium + 19 floors **Residential Towers:** **Residential T2 to T5** : 2 Basement (B3,B2)+ B1/ Lower Ground+ Upper	IT tower 1 =: 88.20 m up to terrace TOC IT Tower 2 =: 88.20 m upto terrace TOC Residential=Tower T2 to T5 =: 79.4 m upto terrace TOC Retail =: Part of residential ht School =: 30 m upto Terrace TOC	Change in planning

	T6 - 3Basement + Ground + 1 podium + Stilt + 24 floor **School:** B + Ground + 6 floors		Ground/ Podium 1 + Stilt + 22 floor **Retail within Residential podium footprint:** 2 Basement (B3, B2) + B1/ Lower Ground+ Upper Ground/ Podium 1 **School:** B + Ground + 6 floors		
21.	No. of Tenements & Shops		**IT -B Towers** =Wing A, B, C: NA **IT-C Towers** = IT Tower 1 and 2: NA **Residential Towers** =T2 to T5: 547 Nos **School** = classrooms: 44 nos.		
22.	Total Population		**IT -B Towers** =Wing A, B, C: 10,000 nos. **IT-C Towers** = IT Tower 1 and 2: 15,532 nos. **Residential Towers** =T2 to T5: 3166 nos. **Retail**: 912 nos. **School (including staff):** 2540 nos. **Total: 32150** nos.		
23.	Total Water Requirements CMD		Total Water Requirement: 1728 CMD Domestic: 1003 Flushing: 726 Landscape: 113 HVAC -239		
24.	Under Ground Tank (UGT) location		LTBT	Basement	
			LTCT	1.5 m below ground	
			T2-T5	1.5 m below ground	
			Retail	1.5 m below ground	
			School	Basement	

<table>
<tr><td>25.</td><td>Source of water</td><td colspan="8">MCGM</td></tr>
<tr><td rowspan="2">26.</td><td rowspan="2">STP Capacity & Technology</td><td colspan="8">MBBR technology</td></tr>
<tr><td></td><td>LTB T 1</td><td>LT BT 2</td><td>LTC T 1</td><td>LT CT 2</td><td>Retail</td><td>Residential (Tower 2, 3, 4 & 5)</td><td>School</td></tr>
<tr><td></td><td>STP-1553 KLD</td><td>310</td><td>220</td><td>320</td><td>325</td><td>16</td><td>362</td><td>0</td></tr>
<tr><td>27.</td><td>STP Location</td><td colspan="8">Ground and Basement</td></tr>
<tr><td>28.</td><td>Sewage Generation CMD & % of sewage discharge in the sewer line</td><td colspan="8">1489 KLD, ZLD is achieved</td></tr>
<tr><td rowspan="4">29.</td><td rowspan="4">Solid Waste Management during Construction Phase</td><td colspan="2">Type</td><td colspan="2">Quantity (Kg/d)</td><td colspan="3">Treatment / disposal</td></tr>
<tr><td colspan="2">Dry waste</td><td colspan="2">175 kg. /day</td><td colspan="3">Will be handed over to MCGM</td></tr>
<tr><td colspan="2">Wet waste</td><td colspan="2">75 kg/day</td><td colspan="3">Will treated in existing OWC of LTBT</td></tr>
<tr><td colspan="2">Construction waste</td><td colspan="2">90000 cum</td><td colspan="3">As per CnD waste rule</td></tr>
<tr><td rowspan="5">30.</td><td rowspan="5">Total Solid Waste Quantities with type during Operation Phase & Capacity of OWC to be installed</td><td colspan="2">Type</td><td colspan="2">Quantity (Kg/d)</td><td colspan="3">Treatment / disposal</td></tr>
<tr><td colspan="2">Dry waste</td><td colspan="2">3328 kg/day</td><td colspan="3">Shall be given to recyclers/authorized vendors</td></tr>
<tr><td colspan="2">Wet waste</td><td colspan="2">2185 kg/day</td><td colspan="3">Treated in Organic Waste Converter- batch processing method</td></tr>
<tr><td colspan="2">E-Waste</td><td colspan="2">Commercial -26 Tons/annum Residential-1.58 Tons/annum</td><td colspan="3">E waste handed over to the authorized recycler appointed by MPCB</td></tr>
<tr><td colspan="2">STP Sludge (dry)</td><td colspan="2">80 kg/day</td><td colspan="3">Shall be handled as per hazardous waste management rules</td></tr>
<tr><td rowspan="2">31.</td><td rowspan="2">R.G. Area in sq.m.</td><td colspan="8">IT RG
RG required is 27,588.40 Sq.m (15%)
RG provided is 27,588.40 Sq.m (15%)</td></tr>
<tr><td colspan="8">For I to R plot</td></tr>
</table>

<table>
<tr><td></td><td></td><td>Residential RG Required – 9585 SQ.M (25%)
School RG Required – 660 Sq.M (15%)
Total RG Required – 10,245 Sq.M
Total Green Area (On Ground): 6,122.02 Sq.m (60%)
Green Area (On Podium): 4,278.62 Sq.m (40%)
Total RG: 10,400.64 Sq.m</td></tr>
<tr><td></td><td></td><td>Existing trees on the plot: 1485 nos.</td></tr>
<tr><td></td><td></td><td>Number of trees to be planted: 2936 (With existing trees)
a) In RG area: 500 nos.
b) In Miyawaki Plantation (with area); 1500 (400 sqm.)
nos. of trees proposed to be planted</td></tr>
<tr><td></td><td></td><td>Number of trees to be cut: 113 nos.</td></tr>
<tr><td></td><td></td><td>Number of trees to be transplanted: 391 nos.</td></tr>
<tr><td>32.</td><td>Power requirement</td><td>During Operation Phase:
Connected load (kW) -35393
Demand load (kW)- 22572</td></tr>
<tr><td>33.</td><td>Energy Efficiency</td><td>IT
Total savings – 26.6%
Solar savings – 2.3%
resi-
Total savings – 15.1%
Solar savings – 1.6%</td></tr>
<tr><td>34.</td><td>D.G. set capacity</td><td>
<table>
<tr><th>LT BT 1</th><th>LTB T 2</th><th>LT CT 1</th><th>LTC T 2</th><th>Retail</th><th>Residential (Tower 2, 3, 4 & 5)</th><th>School</th></tr>
<tr><td>4 x 1500 kVA + 2 x 1250 kVA</td><td>4 x 1500 kVA</td><td>4 x 1500 kVA</td><td>4 x 1500 kVA</td><td>1 x 630 kVA</td><td>1 x 1000 kVA + 1 x 500 kVA</td><td>1 x 630 kVA</td></tr>
</table>
</td></tr>
<tr><td>35.</td><td>No. of 4-W & 2-W Parking with 25% EV</td><td>4-W-
LTCT-2045 nos.
Resi-1418 nos.
School-61 nos.
LTBT -1480 nos.
2-w-423 nos.</td></tr>
<tr><td>36.</td><td>No. & capacity of Rain water harvesting tanks /Pits</td><td>LTBT – 120 cum
LTCT- 388 cum
Resi-156 cum
School-47 cum</td></tr>
<tr><td>37.</td><td>Project Cost in (Cr.)</td><td>Rs 3077 Cr</td></tr>
</table>

38.	EMP Cost	Capital Cost: Rs. 1732.50 lakhs O & M Cost: Rs.402.00 lakhs/annum
39.	CER Details with justification if any....as per MoEF&CC circular dated 01/05/2018	OM dated 30.9.2020 U/n F.No- 22-65/2017.IA.III supersedes earlier OM under even number dated 1st May, 2018 regarding guidelines in respect to CER
40.	Details of Court Cases/litigations w.r.t the project and project location, if any.	NA

Proposed amendment in earlier EC dated: 30/08/2017 & major particulars of project are as mentioned below:

Particulars (Sq. mts)	**Details as per EC dated 30.08.2017 (sq. mts)**	**Proposed Amendment (sq. mts)**	**Remarks**
Total Plot Area	2,36,919.00	2,34,952.18	As per Plot boundary Demarcation.
Plot area for Industry	1,83,482.04	1,86,225.17	Change as per revised I to r received
I to R – (residential, retail and school)	53,436.96	48,727.01	Change as per revised I to r received
Net Plot Area	2,05,752.2	(I)1,82,915.1 + (R) 38,341.30 = 2,21,256.4	Change as per revised I to r received
FSI Area	2,98,425.58	3,05,945.83	Increase in FSI area as per 2034
Non FSI Area	2,80,699.89	2,50,335.66	Reduction in Non FSI area
Total Construction Area	5,79,125.45	5,56,281.49	Reduction in Total construction a area
Project Cost(Rs.)	1,682 Cr.	3,077 Cr	Increase in Project cost
Nos of builifngs	10 nos	9 nos	Reduction in building due to change in planning
No. of Tenements	LTBT-Wing A, B, C (IT Buildings) : N.A. IT Tower 1 and 2 : N.A. Convenience Shopping Building: N.A. Residential Towers T1 to T6 : 879 Nos School capacity (classrooms) : 44 nos.	LTBT Towers =Wing A, B, C : NA LTCT Towers = IT Tower 1 and 2 : NA Residential Towers =T2 to T5 : 547 Nos School = classrooms: 44 nos .	
Particulars (Sq.m)	**Details as per EC dated 30.08.2017 (sq.mts)**	**Proposed Amendment (sq.mts)**	Remarks
Building	IT building: LTBT	LTBT Towers:	Reduction in floors due to

Configuration	• Wing A – 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 18th Floors • Wing B– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1st to 2nd Floor • Wing C– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 18th Floors	• Wing A – 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors • Wing B– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1st to 2nd Floor • Wing C– 3rd B + 2 levels of Part B/Part P + stilt/Gr+1 to 15th Floors • Wing B&C OC Received	Aviation height Wing B and C is completed and OC received
	IT Towers: LTCT • IT Tower 1 with 3 basement + Ground + 18 floors • IT Tower 2 with 3 basements + Ground +18 upper floors • Convenience Shopping Building - 3 Basements + Ground + 4 floors Residential Towers: • T1 - 3 Basement + Ground + 1 podium + Stilt + 22 floor • T2 to T5 - 3 Basement + Ground + 1 podium + Stilt + 28 floor • T6 - 3Basement + Ground + 1 podium + Stilt + 24 floor School: B + Ground + 6 floors	LTCT Towers: • IT Tower 1 with 3 basement + Ground + 1 Podium + 19 floors • IT Tower 2 with 3 basement + Ground + 1 Podium + 19 floors Residential Towers: • Residential T2 to T5 : 2 Basement (B3,B2)+ B1/ Lower Ground+ Upper Ground/ Podium 1 + Stilt + 22 floor • Retail within Residential podium footprint: : 2 Basement (B3,B2)+ B1/ Lower Ground+ Upper Ground/ Podium 1 School: B + Ground + 6 floors	Change in planning
Particulars (Sq.m)	Details as per EC dated 30.08.2017 (sq.mts)	Proposed Amendment (sq.mts)	Remarks

Height of Building	IT building Wing A & C : 89.35 m up to terrace level Wing B:16.16 m IT tower 1: 84.60 m IT Tower 2 : 84.60 m Convenience Shopping Building: 22.00 m Residential Tower T1 : 80.70 m T2 to T5 : 99.30 m T6 : 86.90 m School : 30 m upto Terrace TOC	LTBT building Wing A & C : 75.45 up to terrace TOC Wing B:16.16 m Wing C : 75.45 up to terrace TOC LTCT tower 1 =: 88.20 m up to terrace TOC LTCT Tower 2 = : 88.20 m upto terrace TOC Residential=Tower T2 to T5 =: 79.4 m upto terrace TOC Retail = :Part of residential ht School = : 30 m upto Terrace TOC	Reduction in height due to change in planning
Population	LTBT Wing A, B,C: 12,000 no.s IT Tower 1 and 2 & Convenience shopping : 10,246 nos. Residential Towers T1 to T6 : 4,395 nos. School (including staff) : 2,540 nos. Total : 29,181nos	LTBT Towers =Wing A, B,C : 10,000 nos. LTCT Towers = IT Tower 1 and 2: 15,532 nos. Residential Towers =T2 to T5 : 3,166 nos. Retail : 912 nos. School (including staff): 2,540 nos. Total : 32,150 nos.	As per NBC 2016 norms
Total water	1174 KLD	1728 KLD	As per NBC 2016 norms
Total Sewage generation	1081 KLD	1489 KLD	As per NBC 2016 norms
Particulars (Sq.m)	Details as per EC dated 30.08.2017 (sq.mts)	Proposed Amendment (sq.mts)	Remarks
Total Capacity of STP	1134 KLD	1553 KLD	As per NBC 2016 norms
Total solid waste	5527 kg/day	5513 kg/day	As per NBC 2016 norms
Landscape Green Area	I to R - 14,320.05 Sq.m Industry – 3,585 sqm	I to R- 10,400.64 Sq.m Industry - 27,588.40 sqm	RG has now been calculated on the revised net plot area and DCPR 2034 requirements
Parking	Com-1468 nos Resi-1031 nos	LTCT-2045 nos. Resi-1418 nos. School-61 nos. LTBT -1480 nos.	As per DCPR 2034
Maximum demand	14633 kw	22572 kw	As per calculations

3. Proposal is an expansion of existing construction project. PP has obtained earlier EC vide letter No. 21-80/2016-IA-III, dated: 30/08/2017 for total plot area of 2,36.919.00 Sq. Mtrs, Total construction area of 5,79,125.45 Sq. Mtrs and FSI area of 2,98,425.58 Sq. Mtrs. Proposal has been considered by SEIAA in its 257th meeting (Day-4) and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1.PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
2. PP to obtain following updated NOCs & remarks as per amended plan:
a) SWD NOC for School & Residential buildings; b) Civil Aviation NOC; c) Nalla Remarks.
3. PP to submit certified six-monthly compliance report of earlier EC from Regional Office, MOEF&CC, Nagpur.
4.PP to reduce the discharge of treated water up to 35%. PP to submit NOC from concern authority for use of excess treated water in nearby Garden reservation/ Construction.
5.PP to include cost of dewatering, basement ventilation & mechanical ventilation in EMP; PP to include DMP in EMP & accordingly, revise EMP of Construction & Operation phase.
6.PP to relocate UGTs of Residential buildings to the first basement, such that top of UGTs are flush to the ground level.
7.PP to relocate proposed parking on STP.
8.PP to submit carbon foot print study report.

B. SEIAA Conditions-

1. This is restricted for IT Tower 1 & 2 (LTCT) up to height 17.278 m as per Civil Aviation NoC dated 07.08.2018. Further this EC is restricted for IT Tower 1 & 2 (LTCT) up to height 84.00 m & 79.80 m respectively as per CFO NoC dated 23.11.2022.
2. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
3. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
4. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
5. SEIAA after deliberation decided to grant EC for – FSI – 154909.73 m2, Non FSI-224192.06 m2, Total BUA- 379101.79 m2. (Plan approval No (1) CHE/ES/0127/S-T/337 (New) dated 27.12.2021 for LTBT (AMN Tower) -wing A, B & C; (2) CHE/ES/2335/S/337 (New) dated 12.09.2022 for Residential Tower No. T2 to T5; (3) CHE/ES/2336/S/337 (New) for LTCT — Wing A & B and (4) P-3502/2019(86,87 and 112 and others) IS ward /Paspoli/337 dated 15.07.2022 for School building) (Restricted as per approval)

General Conditions:

a) Construction Phase :-

I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.

II. Disposal of muck, Construction spoils, including bituminous material 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 the approved sites with the approval of competent authority.

III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.

IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

V. Arrangement shall be made that waste water and storm water do not get mixed.

VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.

VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.

VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.

IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.

X. The Energy Conservation Building code shall be strictly adhered to.

XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.

XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.

XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.

XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.

XVII. Ambient noise levels should conform to residential standards both during day and night. 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 CPCB/MPCB.

XVIII. Diesel power generating sets proposed as source of backup power for

elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.

XIX. 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 by a separate environment cell /designated person.

B) Operation phase:-

I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.

II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.

III. a) 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 MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.

IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.

V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.

VI. 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.

VII. PP to provide adequate electric charging points for electric vehicles (EVs).

VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment

protection measures shall not be diverted for other purposes.

XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in

XII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

XIII. 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, NOx (ambient levels as well as stack emissions) or critical sector 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.

C) General EC Conditions:-

I. PP has to strictly abide by the conditions stipulated by SEAC& SEIAA.

II. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.

III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.

IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

V. 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 respective Regional Offices of MoEF by e-mail.

VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.

6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended from time to time.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

9. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Pravin Darade
(Member Secretary, SEIAA)

Copy to:

1. Chairman, SEIAA, Mumbai.
2. Secretary, MoEF & CC, IA- Division MOEF & CC
3. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
4. Regional Office MoEF & CC, Nagpur
5. District Collector, Mumbai Suburban
6. Commissioner, Municipal Corporation of Greater Mumbai
7. Regional Officer, Maharashtra Pollution Control Board, Mumbai

Speed Post/Online

F. No. 21-80/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Date: 30th August, 2017

To,

M/s Larsen Toubro Ltd
L&T House, Ballard Estate P.O.Box:278,
Mumbai-400001,
Email: Uma.erath@larsentoubro.com

Subject: Expansion of L&T (West) Mixed Use Project at Plot bearing CTS. Nos.86&87 Village Paspoli & CTS No 112 , 115,116/B of Village Tungwa , Saki Vihar Road, Powai, Mumbai by M/s Larsen Toubro Ltd – Environmental Clearance - reg.

Sir,

This has reference to your online proposal No. **IA/MH/NCP/64603/2016** dated 10th May, 2017 submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986.

2. The proposal for grant of environmental clearance to the project '**Expansion of L&T (West) Mixed Use Project at Plot bearing CTS. Nos. 86. 87 Village Paspoli & CTS No 112, 115,116/B of Village Tungwa, Saki Vihar Road, Powai, Mumbai by M/s Larsen Toubro Ltd**' was considered by the Expert Appraisal Committee (Infra-2) in its meeting held on 27th to 29th June, 2017. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting, are under:-

(i) The proposal is for development of a mixed project of Residential, Retail, and IT Towers & school developed by M/s. Larsen & Toubro Ltd at plot bearing CTS. Nos. 86. 87 Village Paspoli & CTS No 112, 115, 116/B of Village Tungwa, Saki Vihar Road, Powai, Mumbai.

(ii) The project was granted Environmental Clearance from SEIAA, Maharashtra vide their letter No. SEAC-2014/CR-151/C-I dated 28.01.2016 for total construction area of 1,49,618.70 sqm. No construction is been started on site. Only site clearance work has been started as per previous EC dated 28.01.2016. The total plot area is 2,36,919.00 sqm and total built-up area is 5,79,125.45 sqm. Total Nos. of Buildings will be 11. Maximum height of the buildings will be 102.4 m. The details are as follows:

Particulars (sqm)	**Details of previous EC dated 28th January, 2016 (sqm)**	**Details after proposed expansion (sqm)**	**Remarks**
Total Plot Area	2,34,831.00	2,36,919.00	Updation of PR card records for addition of plot area of 2088

			sqm
Net Plot Area	2,18,463.77	2,05,752.2	After deductions of setback & AOS.
Plot area taken for development as per I to R approval	--	53,436.96	Plot converted from: 53,436.96 sqm as per I to R
FSI Area (Existing Industry)	- -	--	FSI for Existing Industry: 84,977.97 sqm
FSI Area (Proposed Expansion)	93,381.64	2,98,425.58	FSI as per previous EC: 93,381.64 sqm FSI for Expansion : 2,05,043.94 sqm
Non FSI Area	56,237.06	2,80,699.89	Area as per previous EC : 56,237.06 sqm Area for Expansion : 2,24,462.83 sqm
Total Construction Area (CA)- sqm	**1,49,618.70**	**5,79,125.45**	**CA as per previous EC : 1,49,618.70 sqm** **CA for Expansion: 4,29,506.75 sqm.**

(iii) During construction phase, total water demand of the proposed expansion is expected to be 1174 KLD approximately and the water requirement will be met by the MCGM/Recycled Water.

(iv) Waste water generation will be 1081 KLD. Sewage shall be treated in 6 STP's of capacity 1134 KLD. Recycled water is of 1077 KLD, used for flushing & gardening within the plot and outside the plot.

(v) The domestic solid waste will be generated by the occupants of the residents, visitors and people coming to community area will pertain to the two categories, Biodegradable waste of 2218 Kg/day will be treated in OWC and the manure will be used for landscaping at site and as replacement for saw dust in OWC. Non-biodegradable waste of 3309 Kg/Day will be handed over to authorized recyclers.

(vi) The total electrical load demand has been estimated to be 14633 KW for the proposed project. The source of power supply will be from MSEB

(vii) Parking facility for IT and Convenience Shopping 1468 ECS and for residential 1031 ECS proposed to be provided respectively (according to MoEFCC and local norms).

(viii) Area earmarked for greenbelt is 14320.05 sqm

(ix) There is no court case pending against the project.

(x) ToR Details: Standard TOR granted vide letter No. 21-80/2016-IA. III dated 2nd Feb 2017 by MoEF&CC.

(xi) Cost of the project is Rs. 1682 Crores.

(xii) Employment potential: During construction phase 773 workers.

(xiii) The Benefit of the Project: Municipal Drainage system is well developed along the Saki Vihar Road. Storm water drains are designed considering the elevation profile. Due to the availability of infrastructure facilities near the project site people are willing to buy homes in powai area and nearby. Also there is immense job opportunities in Andheri and Kanjurmarg areas due to small scale industries and educational institutions in Powai area and IT offices nearby the site. Considering the socioeconomic condition of the people nearby the project, there shall be generation of employment opportunities during construction stage and also at operational phase development.

3. The EAC, in its meeting held on 27th to 29th June, 2017, after detailed deliberations on the proposal, has recommended for grant of Environmental Clearance to the project. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project '**Expansion of L&T (West) Mixed Use Project at Plot bearing CTS. Nos. 86. 87 Village Paspoli & CTS No 112 , 115,116/B of Village Tungwa , Saki Vihar Road, Powai, Mumbai by M/s Larsen Toubro Ltd**,' under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and general conditions as under:-

PART A – SPECIFIC CONDITIONS:

I. Construction Phase

(i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

(ii) The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

(iii) 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. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.

(iv) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage

of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.

(v) All industries within the lands owned by the project proponents shall be made inoperative and not influence in any negative way the life or property of the residents/occupants of the proposed project.

(vi) 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.

(vii) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

(viii) Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.

(ix) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.

(x) Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.

(xi) Sewage shall be treated in the STP based on MBR Technology (with tertiary treatment i.e. Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing, horticulture & DG cooling. Excess treated effluent shall be discharged in to Municipal sewer line as per CPCB norms.

(xii) The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, Rainwater of buildings will be collected and 16 No. of recharge pits shall be provided for storm water recharging to ground after filtration as per CGWB guidelines.

(xiii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed, 334 sqm space shall be provided for Organic Waste Converter for solid waste management within the premises. The inert waste from group housing project will be sent to dumping site.

(xiv) Solar based electric power shall be provided to each unit for at least two bulbs/light and one fan. As proposed, central lighting and street lighting shall also be based on solar power.

(xv) A First Aid Room shall be provided in the project both during construction and operations of the project.

(xvi) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

(xvii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring 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.

(xviii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.

(xix) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

(xx) As proposed, no ground water shall be used during construction/ operation phase of the project.

(xxi) Approval of the CGWA require before any dewatering for basements.

(xxii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.

(xxiii) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.

(xxiv) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

(xxv) Ambient noise levels shall conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

(xxvi) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.

(xxvii) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.

- Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
- Traffic calming measures

- Proper design of entry and exit points.
- Parking norms as per local regulation

II. Operational Phase

(i) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

(ii) For indoor air quality the ventilation provisions as per National Building Code of India.

(iii) Fresh water requirement from Municipal Corporation of Greater Mumbai (MCGM) water supply shall not exceed 878 m^3/day.

(iv) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.

(v) The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.

(vi) The project proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats. This study would be undertaken for all projects for which an E.C. has been granted earlier to Larsen and Toubro and which are currently operational. The report should be submitted within 03 months to the MoEF&CC and put on the public domain also on the website of the Company.

(vii) No sewage or untreated effluent water would be discharged through storm water drains.

(viii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

(ix) The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the Construction and Demolition Waste Management Rules, 2016 and the Plastics Waste Management Rules, 2016 shall be followed.

(x) Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heaters shall be used to meet hot water demand, as far as possible.

(xi) Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the

prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

(xii) 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. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 14320.05 sqm area shall be provided for green belt development.

(xiii) An assessment of the cumulative impact of all development and increased inhabitation being carried out or proposed to be carried out by the project or other agencies in the core area, shall be made for traffic densities and parking capabilities in a 05 kms. radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organization of repute and specializing in Transport Planning shall be implemented to the satisfaction of the State Urban Development and Transport Department. This shall also include the consent of all the concerned implementing agencies.

(xiv) An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.

(xv) The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.

PART B - GENERAL CONDITIONS

(i) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.

(ii) 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 this Ministry and its concerned Regional Office.

(iii) Officials from the Regional Office of MoEF&CC, Nagpur who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Nagpur.

(iv) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.

(v) The Ministry 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.

(vi) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

(vii) These stipulations would be enforced among others under the provisions of the 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 the EIA Notification, 2006.

(viii) The project proponent shall 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 State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Nagpur.

(ix) Any appeal against this 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.

(x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

(xi) 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&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO_2, NOx (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.

(xii) 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 respective Regional Offices of MoEF&CC by e-mail.

4. This issues with the approval of the Competent Authority.

(Kushal Vashist)
Director

Copy to:

1) The Secretary, Department of Environment, Govt. of Maharashtra, Mantralaya,

Mumbai.

2) The Additional Principal Chief Conservator of Forests, Regional Office (WCZ), Ministry of Environment, Forest and Climate Change, Nagpur.
3) The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4) The Chairman, Maharashtra Pollution Control Board, Kalpatru Point, Sion Circle, Sion (East), Mumbai-400 022, Maharashtra.
5) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6) Guard File/ Record File/ Notice Board.
7) MoEF&CC Website.

(Kushal Vashist)
Director

CONSENT

TO

ESTABLISH

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437
Fax: 24023516
Website: http://mpcb.gov.in
E-mail: cac-cell@mpcb.gov.in

Kalpataru Point, 2nd - 4th Floor
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E)
Mumbai-400 022.

Consent order No: - Format1.0/BO/CAC-Cell/EIC-MU-6944-15/CE/CAC- 7790
Date- 14/06/2016

To
M/s. Larsen & Toubro Ltd.,
CTS No. 112, 115 of Vill- Tungwa & CTS No. 86, 87 of vill - Paspoli,
Sakivihar Road, Pawai, Tal. Kurla, Mumbai

Subject: Consent to Establish for Construction of IT Building Project under Orange category.

Ref: Your Application approved in 13th CAC meeting of 2015-2016 held on 25.01.2016

Your application CE1511000067
Dated: 28.09.2015
For: Consent to Establish for Construction of IT Building Project
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 5 of the Hazardous Wastes (M, H & T M) Rules 2008 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:

1. **The consent to establish is granted for a period up to commissioning of the project OR 5 years whichever is earlier.**

2. **The proposed capital investment of the project is Rs. 580 Crs (As per undertaking submitted by project proponent)**

3. **The Consent to Establish is valid for Construction of IT Building Project of M/s. Larsen & Toubro Ltd. at CTS No. 112, 115 of vill- Tungwa & CTS No. 86, 87 of vill - Paspoli, Sakivihar Road, Pawai, Mumbai on Plot area of 2,34,831 sq.m. and total Construction BUA of 1,49,821 sq.m., including utilities and services as per construction commencement certificate issued by local body.**

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	N.A.
2.	Domestic effluent	474	As per Schedule –I	The treated effluent shall be 60% (i.e. 284.4 CMD) recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body.

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

Sr. No.	Description of stack/ source	Number Of Stack	Standards to be achieved
1	DG set (2 Nos. x1000 KVA)	2	As Per Schedule -II
2	DG set (2 Nos. x 2500 KVA)	2	As Per Schedule -II
3	DG set (2 Nos. x 2500 KVA)	2	As Per Schedule -II
4	DG set (2 Nos. x 1500 KVA)	2	As Per Schedule -II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule,2000 :

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Wet Garbage	2295 kg/day	Organic Waste Convertor	use as manure
2	Dry Garbage	983 kg/day	-	Hand over to local body or sale for recycle
3	STP sludge	18 Kg.day	-	use as manure

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	--	--	--	--	--

8. The Board reserves the right to review, amend, suspend, revoke etc. 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. PP shall submit the affidavit within 15 days in the prescribed format regarding the compliance of conditions of Environmental Clearance and Consent to Establish.
11. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.
12. Consent to establish is being issued without prejudice to the orders passed/ being passed by the Hon'ble High Court.
13. MCGM shall comply with the order passed and being passed in PIL No. 217 of 2019 by the Hon'ble High Court, Mumbai.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. P. Anbalagan, IAS)
(Member Secretary)

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	11,60,100/-	041097	21.08.2015	HDFC Bank

Copy to:

1. Regional Officer, Mumbai and Sub-Regional Officer MPCB, Mumbai-II
   -- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Copy forwarded with compliment to:

The Assistant Municipal Commissioner, MCGM, S-ward, Mumbai

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have proposed to install Sewage Treatment Plants (STPs) with the design capacity of 500 CMD based on Fluidized Aerobic Bio Reactor (FBAR) technology.

B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
01	BOD (3 days 27oC)	10
02	Suspended Solids	10
03	COD	50
04	Residual Chlorine	1ppm

C] **The treated effluent shall be 60% (i.e. 284.4 CMD) recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. The firm shall affix the separate meter for ensurance of 60% recycling of treated sewage and keep the records of the same. PP shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit. and shall install online monitoring system.**

2) 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 and extension or addition thereto.
3) 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.
4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

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	Fresh water: 234 CMD
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%
1	DG set (2 Nos. x1000 KVA)	Acoustic enclosure	6.3* each	HSD	3000 lit/Hr	Lit/Hr	1
2	DG set (2 Nos. x 2500 KVA)	Acoustic enclosure	10*	HSD		Lit/Hr	1
3	DG set (2 Nos. x 2500 KVA)	Acoustic enclosure	10*	HSD		Lit/Hr	1
	DG set (2 Nos. x 1500 KVA)	Acoustic enclosure	7.7*	HSD		Lit/Hr	1

*** Above roof of the building in which it is installed.**

2. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate matter	Not to exceed	150 mg/Nm^3.

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).

Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG	Compliance Period	Validity++
1	Consent to Establish (C to E)	Rs. 10 lakh	15 days from date of issue of consent	Toward compliance of EIA Notification, 2006 / EC and Consent to Establish condition.	COU or 5 years whichever is earlier	Validity of this consent + 4 months

** 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.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

Schedule-IV

Conditions during construction phase:

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	Noise should be controlled to ensure that it does not exceed the prescribed standards. 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.

General Conditions:

1) The applicant shall provide facility for collection of samples of 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.
2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act 1986 and Municipal Solid Waste (Management & Handling) Rule 2000, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
4) 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.
5) 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper sitting 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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
8) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
9) The treated sewage shall be disinfected using suitable disinfection method.
10) 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 provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
11) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.

2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.

3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

Consent Information

UAN No:
MPCB-CONSENT-0000124710

Application submitted on:
29-10-2021

Industry Information

Consent To:
Establish (New)

IIN No.:

Submit to:
SRO - Mumbai II

Type of institution:
Industry

Industry Type:
O21 Building and construction project more than 20,000 sq. m built up area

Category:
Orange

Scale:
L.S.I

Location of industry/activity/etc:

EC Reqd.
No

Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)
Yes

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name
Mr. Shailendra Roy

Address
CTS No. 112, 115 of Village Tungwa & CTS No. 86, 87 of Village Paspol, Sakivihar Road, Powai, Tal. Kurla

Designation
Director

Taluka
Kurla

Area
Powai

District
Mumbai Suburban

Telephone

Fax

9821351114

Email
Rajesh.Pereira@larsentoubro.com

Pan Number
AAACL0140P

---

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name
M/s. Larsen & Toubro Ltd.,

Location of Unit
C.T.S. No. 112,115 of Village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka-Kurla, Mumbai.

Survey number/Plot Number
C.T.S. No. 112,115 of Village Tungwa & C.T.S. No. 86 & 87

Taluka

District
Mumbai city

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission
MCGM

Planning Authority
MCGM

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body
MCGM

Name of the licence issuing authority
MCGM

---

3. Names,addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director
Mr. Shailendra Roy (Director)

Telephone number
9821351114

Fax number

Officer responsible for day to day business
Mr. Anand Rane (AGM B.D)

4. (a.) Are you registered Industrial unit ?

Yes

Registration number
4768

Date of registration
Feb 7, 1946

---

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)	**** Verified***	**** Terms***	**** Consent Fee***
307700.00	Undertaking	1	6154000.00

---

6. If the site is located near sea-shore/river bank/other water bodies/Highway, Indicate the crow fly distance and the name of the water body, if any.

Distance From	***Distance(Km)***	**** Name***
SH/NH	0.00	--NA--
River	0.00	--NA--
Human Habitation	0.00	--NA--
Religious Place	0.00	--NA--
Historical Place	0.00	--NA--
Creek/Sea	0.00	--NA--

6b. Enter Latitude and Longitude details of site

Latitude

Longitude

0	0

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	***Approved Industry Area***	***Sensitive Area***	***If Yes, Name Of Area***	***Industry Location with Reference to CRZ***
NA	No	No	NA	

8. If the site is situated in notified industrial estate,

		Details
(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	No	NA
(b) Will the applicant utilize the system, if provided.	No	NA
(c) If not provided, details of proposed arrangement.	NA	

9.

(a) Total plot area (in squear meter)	***(b) Built up area and (in squear meter)***	***(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in squear meter)***
234831.00	579125.45	14320.05

10. Month and year of commissioning of the Unit.

2022-12-01

11. Number of workers and office staff

Workers	***staff***	***Hrs. of shift***	***Weekly off***
70	25	9	1

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	No	This is a building construction project of IT complex.

(b) If yes, please state population staying

Number of person staying	***Water consumption***	***Sewage generation***	***Whether is STP provided?***
			No

(c) Indicate its location and distance with reference to plant site.

Number of person staying	***Water consumption***

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity

Products Name and Quantity

Product Name	***UOM***	***Product Name***	***Existing***	***Consented***	***Proposed Revision***	***Total***	***Remarks***
OTHERS	Sq.M	building construction project	0	149821	429304.45	579125.45	area is in sq. mtrs.

Products Name and Quantity

Product Name	UOM	Quantity	Remarks
NA	--NA--	0	NA

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	UOM	Quantity	Hazardous Waste	Hazardous Chemicals	Remarks
NA	--NA--	0	No	No	NA

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

NA

Part B : Waste Water aspects

16. Water consumption for different uses (m3/day)

Purpose	Consumption	Effluent Generation	Treatment	Remarks	Disposal	Remarks
Domestic Pourpose	1174	1081	STP	Total 6 Nos. of STP's (194+194+108+152+410+76) with total capacity of 1134 KLD will be provided with	Recycle	Treated water will be used for flashings & gardening
Water gets Polluted & Pollutants are Biodegradable	0	0	--NA--	NA	--NA--	NA
Water gets Polluted,Pollutants are not Biodegradable & Toxic	0	0	--NA--	NA	--NA--	NA
Industrial Cooling,spraying in mine pits or boiler feed	0	0	--NA--	NA	--NA--	NA
Others	107 Gardening, 310 HAVC makeup					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	Name of authority granting permission	Qauntity permitted
MCGM + Recycled water	MCGM	643

18. Quantity of waste water (effluent) generated (m3/day)

Domastic	Boiler Blowdown	Industrial	Cooling water blowdown
1081	0	0	0
Process	**DM Plants/Softening**	**Washing**	**Tail race discharge from**
0	0	0	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

0

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)
1134

Treatment unit	Size (mxm)	Retention time (hr)
Total 6 Nos. of STP's (194+194+108+152+410+76) with total capacity of 1134 KLD will be provided. Details attached seperately	0	0

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

0

Treatment unit	Size (mxm)	Retention time (hr)
NA	0	0

22.

(i) Are sewage and trade effluents mixed together?	No
If yes, state at which stage-Whether before, intermittently or after treatment.	NA

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3)	NA	
Effluent sump/Guard pond details	No	NA
If yes, state at which stage-Whether before, intermittently or after treatment.	No	NA

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	0	***(ii) into creek/estuary (name of Creek/estuary)***	0
(iii) into sea	0	***(iv) into drain/sewer (owner of sewer)***	79
(v) On land for irrigation on owned land/ase land. Specify cropped area.	0	***(vi) Connected to CETP***	0
(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)	948		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	6.5-9.0
SS (mg/l)	400-450
BOD (mg/l)	350-400
COD (mg/l)	400-500
TDS (mg/l)	1000-2000

Specific pollutant if any	Name	Value

Treated Effluent

pH	6.5-9.0
SS (mg/l)	<20
BOD (mg/l)	<10
COD (mg/l)	<50
TDS (mg/l)	<500

Specific pollutant if any	***Name***	***Value***
1		

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

NA

---

26. Fuel consumption

Fuel Type	***UOM***	***Fuel Consumption TPD/LKD***	***Calorific value***
HSD	Kg/Hr	565	0
Ash content	***Sulphur content***	***Quantity***	***Other (specify)***
0	0	1	0

---

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
1 & 2	DG Sets (2 Nos.)	1250 KVA (each)	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
250	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	1250 KVA x 2 Nos.

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
3 to 6	DG Sets (4 Nos.)	1500 KVA (each)	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
300	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	1500 KVA x 4 Nos.

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
7	DG Set	75 KVA	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***

15	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	75 KVA

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
8	DG Set	630 KVA	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
125	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	630 KVA

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
9	DG Set	1010 KVA	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
200	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	1010 KVA

---

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

NA

---

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder\etc. As per Central Board Publication “Emission regulations Part-III” (December, 1985)

Poart hole	Yes	***Details***	Port holes will be provided
Platform	Yes	***Details***	Platforms will be provided
Ladder	Yes	***Details***	Ladders will be provided

---

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No.	***Stack attached to***	***Parameter***	***Concentration mg/Nm3***	***flow (Nm3/hr)***
1	DG Sets (9 Nos.)	SPM	54.59	146.61

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/ Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

NA

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	***Type***	***Qty***	***UOM***
NA		0	--NA--

Max	***Method of collection***	***Method of reception***	***Method of storage***
	NA	NA	NA

Method of transport	***Method of treatment***	***Method of disposal***
NA	NA	NA

Waste (Annually) Schedule II

31. Details about use of hazardous waste

Name of hazardous waste/Spent chemical	***Quantity used/month***	***Party from whom purchased***	***Party to whom sold***
NA	0	NA	NA

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

NA

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

NA

33.

Copy of format of manifest/record Keeping practiced by the applicant.

NA

34.

Details of self-monitoring (source and environment system)

NA

35.

Are you using any imported hazardous waste. If yes, give details.

NA

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

NA

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

NA

38. Quantity of hazardous waste disposal

(i) Within factory

0

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

0

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

NA

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.

NA

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).

Setting up cost = Lakhs and O & M cost = Lakhs

41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?

Control Panel

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure

Stack / Chimney

43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*
Biodegrdable waste	2218	Kg/Day	OWC	will be used as manure for landscape	Recycle
Non Biodegradable waste	3309	Kg/Day	Segregate	will be handed over to the authorised local vendor	Reuse

STP Sludge	50	Kg/Day	Drying	will be used as manure for plantation	Recycle

44. Hazardous Chemicals – Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Majot Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?

NA

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?

NA

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.

NA

(iv) Has approval of site been obtained from the concerned authority?

NA

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?

NA

(vi) Has information on imports of Chemicals been provided to the concerned authority?

NA

(vii) Does the unit possess a policy under the PLI Act?

NA

45. Brief details of tree plantation/green belt development within applicant's premises (in hectors)

Open Space Availability	***Plantation Done On***	***Number of Trees Planted***
14320.05 Square meter	5850 Square meter(41 %)	525

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.

STP, OWC, RWH, Solar system will be provided for waste Minimization, resource recovery and recycling.

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

EC obtained. copy atatched.

(b) Any other additional information that the applicants desires to give

No

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

Yes

48.

I/We further declare that the information furnished above is correct to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and
treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and
until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We undertake to furnish any other information within one month of its being called by the Board

Yours faithfully

Signature :
Name : Anand Rane
Designation : AGM - BD

Additional Information

Air Pollution

Sr No.	*Air Pollution Source*	*Pollutants*	*APCS Provided*	*Remark*
1	DG Sets (9 Nos.)	SPM, Noise	Stack, Accoustic hood	APCS & Sampling facilities will be provided

Separate EM Provided	No	***Other Emission Sources***	NA
Measures Proposed	Stack, Accoustic hood	***Foul Smell Coming Out***	No
Air Sampling Facility Details	Port holes, ladders, platforms will be provided		

D.G. Set Details

Description	*Capacity(KVA)*	*Remarks*
DG Set No. (1 & 2) - 2 Nos.	1250	Stack, Accoustic hood & Port holes, ladders, platforms will be provided
DG Set No. (3 to 6) - 4 Nos.	1500	Stack, Accoustic hood & Port holes, ladders, platforms will be provided
DG Set No. 7	75	Stack, Accoustic hood & Port holes, ladders, platforms will be provided
DG Set No. 8	630	Stack, Accoustic hood & Port holes, ladders, platforms will be provided
DG Set No. 9	1010	Stack, Accoustic hood & Port holes, ladders, platforms will be provided

Hazardous Waste Generation

Hazardous Waste	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*

CHWTSDF Details

Member of CHWTSDF	*CHWTSDF Name*	*Remarks*

Cess Details

Cess Applicable	*Cess Paid*	*If Yes, UpTo*
No	No	Jan 1 1900 12:00:00:000AM

Legal Actions

Legal Action Taken	*Legal Record Of Company*	*Legal Action Details*	*Remarks*
No			

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.

2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.

3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

Consent Information

UAN No:
MPCB-CONSENT-0000128684

Application submitted on:
30-12-2021

Industry Information

Consent To:
Operate

IIN No.:
NIL

Submit to:
SRO - Mumbai II

Type of institution:
Industry

Industry Type:
O21 Building and construction project more than 20,000 sq. m built up area

Category:
Orange

Scale:
L.S.I

Location of industry/activity/etc:

EC Reqd.
No

Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)
Yes

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name
Mr. Shailendra Roy

Address
CTS No. 112, 115 of Village Tungwa & CTS No. 86, 87 of Village Paspol, Sakivihar Road, Powai, Tal. Kurla

Designation
Director

Taluka
Kurla

Area
Powai

District
Mumbai Suburban

Telephone

Fax

9821351114

Email
Rajesh.Pereira@larsentoubro.com

Pan Number
AAACL0140P

---

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name
M/s. Larsen & Toubro Ltd.,

Location of Unit
C.T.S. No. 112,115 of Village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka-Kurla, Mumbai.

Survey number/Plot Number
C.T.S. No. 112,115 of Village Tungwa & C.T.S. No. 86 & 87

Taluka

District
Mumbai city

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission
MCGM

Planning Authority
MCGM

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body
MCGM

Name of the licence issuing authority
MCGM

---

3. Names,addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director
Mr. Shailendra Roy (Director)

Telephone number
9821351114

Fax number

Officer responsible for day to day business
Mr. Anand Rane (AGM B.D)

4. (a.) Are you registered Industrial unit ?

Yes

Registration number
4768

Date of registration
Feb 7, 1946

---

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)	**** Verified***	**** Terms***	**** Consent Fee***
110894.00	Undertaking	2	4435760.00

---

6. If the site is located near sea-shore/river bank/other water bodies/Highway, Indicate the crow fly distance and the name of the water body, if any.

Distance From	***Distance(Km)***	**** Name***
SH/NH	0.00	--NA--
River	0.00	--NA--
Human Habitation	0.00	--NA--
Religious Place	0.00	--NA--
Historical Place	0.00	--NA--
Creek/Sea	0.00	--NA--

6b. Enter Latitude and Longitude details of site

Latitude

Longitude

0	0

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	***Approved Industry Area***	***Sensitive Area***	***If Yes, Name Of Area***	***Industry Location with Reference to CRZ***
NA	No	No	NA	

8. If the site is situated in notified industrial estate,

		Details
(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	No	NA
(b) Will the applicant utilize the system, if provided.	No	NA
(c) If not provided, details of proposed arrangement.	NA	

9.

(a) Total plot area (in squear meter)	***(b) Built up area and (in squear meter)***	***(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in squear meter)***
234831.00	91115.76	14320.05

10. Month and year of commissioning of the Unit.

2022-01-01

11. Number of workers and office staff

Workers	***staff***	***Hrs. of shift***	***Weekly off***
0	4357	9	1

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	No	This is a building construction project of IT complex. Consent to operate for A M Naik Tower .

(b) If yes, please state population staying

Number of person staying	***Water consumption***	***Sewage generation***	***Whether is STP provided?***
			No

(c) Indicate its location and distance with reference to plant site.

Number of person staying	***Water consumption***

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity

Products Name and Quantity

Product Name	***UOM***	***Product Name***	***Existing***	***Consented***	***Proposed Revision***	***Total***	***Remarks***
OTHERS	Sq.M	building construction project	0	0	91115.76	91115.76	area is in sq. mtrs.

Products Name and Quantity

Product Name	UOM	Quantity	Remarks
NA	--NA--	0	NA

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	UOM	Quantity	Hazardous Waste	Hazardous Chemicals	Remarks
NA	--NA--	0	No	No	NA

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

NA

Part B : Waste Water aspects

16. Water consumption for different uses (m3/day)

Purpose	Consumption	Effluent Generation	Treatment	Remarks	Disposal	Remarks
Domestic Pourpose	196	180	STP	320 KLD STP is provided with MBBR Technology	Recycle	Treated water will be used for flashings & gardening
Water gets Polluted & Pollutants are Biodegradable	0	0	--NA--	NA	--NA--	NA
Water gets Polluted,Pollutants are not Biodegradable & Toxic	0	0	--NA--	NA	--NA--	NA
Industrial Cooling,spraying in mine pits or boiler feed	0	0	--NA--	NA	--NA--	NA
Others	75 Gardening					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	Name of authority granting permission	Qauntity permitted
MCGM + Recycled water	MCGM	109

18. Quantity of waste water (effluent) generated (m3/day)

Domastic	Boiler Blowdown	Industrial	Cooling water blowdown
180	0	0	0
Process	**DM Plants/Softening**	**Washing**	**Tail race discharge from**
0	0	0	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

0

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)

320

Treatment unit	Size (mxm)	Retention time (hr)
Screen Chamber	11.25	0.843
Collection Tank	103.4	7.755
MBBR Tank	88	6.6
Secondary Settler	28	2.1
Filter Feed Tank	29.7	2.227
Sludge Tank	73.92	5.544

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

0

Treatment unit	Size (mxm)	Retention time (hr)
NA	0	0

22.

(i) Are sewage and trade effluents mixed together?	No
If yes, state at which stage-Whether before, intermittently or after treatment.	NA

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3)	NA	
Effluent sump/Guard pond details	No	NA
If yes, state at which stage-Whether before, intermittently or after treatment.	No	NA

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	0	***(ii) into creek/estuary (name of Creek/estuary)***	0
(iii) into sea	0	***(iv) into drain/sewer (owner of sewer)***	0
(v) On land for irrigation on owned land/ase land. Specify cropped area.	0	***(vi) Connected to CETP***	0
(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)	162		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	6.5-9.0
SS (mg/l)	400-450
BOD (mg/l)	350-400

COD (mg/l)	400-500
TDS (mg/l)	1000-2000

Specific pollutant if any	***Name***	***Value***
1		

Treated Effluent

pH	6.5-9.0
SS (mg/l)	<20
BOD (mg/l)	<10
COD (mg/l)	<50
TDS (mg/l)	<500

Specific pollutant if any	***Name***	***Value***
1		

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

NA

---

26. Fuel consumption

Fuel Type	***UOM***	***Fuel Consumption TPD/LKD***	***Calorific value***
HSD	Kg/Hr	550	0
Ash content	***Sulphur content***	***Quantity***	***Other (specify)***
0	0	1	0

---

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
1 & 2	DG Sets (2 Nos.)	1250 KVA (each)	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
250	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	1250 KVA x 2 Nos.

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
3 to 6	DG Sets (4 Nos.)	1500 KVA (each)	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
300	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	1500 KVA x 4 Nos.

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

NA

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder\etc. As per Central Board Publication “Emission regulations Part-III” (December, 1985)

Poart hole	Yes	***Details***	Port holes will be provided
Platform	Yes	***Details***	Platforms will be provided
Ladder	Yes	***Details***	Ladders will be provided

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No.	***Stack attached to***	***Parameter***	***Concentration mg/Nm3***	***flow (Nm3/hr)***
1	DG Sets (6 Nos.)	SPM	54.59	146.61

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/ Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

NA

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	***Type***	***Qty***	***UOM***
NA		0	--NA--

Max	***Method of collection***	***Method of reception***	***Method of storage***
	NA	NA	NA

Method of transport	***Method of treatment***	***Method of disposal***
NA	NA	NA

Waste (Annually) Schedule II

31. Details about use of hazardous waste

Name of hazardous waste/Spent chemical	***Quantity used/month***	***Party from whom purchased***	***Party to whom sold***
NA	0	NA	NA

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

NA

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

NA

33.

Copy of format of manifest/record Keeping practiced by the applicant.

NA

34.

Details of self-monitoring (source and environment system)

NA

35.

Are you using any imported hazardous waste. If yes, give details.

NA

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

NA

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

NA

---

38. Quantity of hazardous waste disposal

(i) Within factory

0

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

0

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

NA

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.

NA

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).

Setting up cost = 238 Lakhs and O & M cost = 15 Lakhs/Year

41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?

Control Panel

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure

Stack / Chimney

43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*
Biodegrdable waste	327	Kg/Day	OWC	will be used as manure for landscape	Recycle
Non Biodegradable waste	762	Kg/Day	Segregate	will be handed over to the authorised local vendor	Reuse
STP Sludge	50	Kg/Day	Drying	will be used as manure for plantation	Recycle

44. Hazardous Chemicals – Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Majot Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?

NA

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?

NA

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.

NA

(iv) Has approval of site been obtained from the concerned authority?

NA

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?

NA

(vi) Has information on imports of Chemicals been provided to the concerned authority?

NA

(vii) Does the unit possess a policy under the PLI Act?

NA

45. Brief details of tree plantation/green belt development within applicant's premises (in hectors)

Open Space Availability	*Plantation Done On*	*Number of Trees Planted*
14320.05 Square meter	5850 Square meter(41 %)	525

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.

STP, OWC, RWH, Solar system are provided for waste Minimization, resource recovery and recycling.

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

NA

(b) Any other additional information that the applicants desires to give

No

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

Yes

48.

I/We further declare that the information furnished above is correct to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We undertake to furnish any other information within one month of its being called by the Board

---

Yours faithfully

Signature :
Name : Anand Rane
Designation : AGM - BD

Additional Information

Air Pollution

Sr No.	*Air Pollution Source*	*Pollutants*	*APCS Provided*	*Remark*
1	DG sets (6 Nos.)	SPM, Noise	Stack, Accoustic hood	APCS & Sampling faculties are provided.

Separate EM Provided	No	***Other Emission Sources***	NA
Measures Proposed	Stack, Accoustic hood	***Foul Smell Coming Out***	No
Air Sampling Facility Details	Port holes, Ladders, Platforms are provided.		

D.G. Set Details

Description	*Capacity(KVA)*	*Remarks*
DG Set No. 1	1250	Stack, Accoustic hood, & Port holes, Ladders, Platforms are provided.
DG Set No. 2	1250	Stack, Accoustic hood, & Port holes, Ladders, Platforms are provided.
DG Set No. 3	1500	Stack, Accoustic hood, & Port holes, Ladders, Platforms are provided.
DG Set No. 4	1500	Stack, Accoustic hood, & Port holes, Ladders, Platforms are provided.
DG Set No. 5	1500	Stack, Accoustic hood, & Port holes, Ladders, Platforms are provided.
DG Set No. 6	1500	Stack, Accoustic hood, & Port holes, Ladders, Platforms are provided.

Hazardous Waste Generation

Hazardous Waste	Quantity	UOM	Treatment	Disposal	Other Details

CHWTSDF Details

Member of CHWTSDF	CHWTSDF Name	Remarks

Cess Details

Cess Applicable	Cess Paid	If Yes, UpTo
No	No	Jan 1 1900 12:00:00:000AM

Legal Actions

Legal Action Taken	Legal Record Of Company	Legal Action Details	Remarks
No			

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.

2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.

3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

Consent Information

UAN No:
MPCB-CONSENT-0000140076

Application submitted on:
30-05-2022

Industry Information

Consent To:
Operate

IIN No.:

Submit to:
SRO - Mumbai II

Type of institution:
Industry

Industry Type:
O21 Building and construction project more than 20,000 sq. m built up area

Category:
Orange

Scale:
L.S.I

Location of industry/activity/etc:
Local Body

Name of Local Body:
MCGM

EC Reqd.
Yes

EC Obtained
EC Obtained

EC Ref. No.
F. No. 21-80/2016-IA-III dtd. 30.08.2017 & SEAC-2014/CR-15l/C-1 dtd. 28.01.2016

Date of issue of EC
Jan 1, 1970

Parivesh Proposal Number

MoEFCC/SEIAA File Number
IA/MH/NCP/64603/2016

Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)
Yes

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name
Mr. Shailendra Roy

Address
CTS No. 112, 115 of Village Tungwa & CTS No. 86, 87 of Village Paspol, Sakivihar Road, Powai, Tal. Kurla

Designation

Taluka

Director

Kurla

Area

Powai

District

Mumbai Suburban

Telephone

9821351114

Fax

Email

Rajesh.Pereira@larsentoubro.com

Pan Number

AAACL0140P

---

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name

M/s. Larsen & Toubro Ltd.,

Location of Unit

School Building, C.T.S. No. 112,115 of Village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Taluka-Kurla, Mumbai.

Survey number/Plot Number

C.T.S. No. 112,115 of Village Tungwa & C.T.S. No. 86 & 87

Taluka

District

Mumbai city

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission

MCGM

Planning Authority

MCGM

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body

MCGM

Name of the licence issuing authority

MCGM

---

3. Names,addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director

Mr. Shailendra Roy (Director)

Telephone number

9821351114

Fax number

Officer responsible for day to day business

Mr. Anand Rane (AGM B.D)

4. (a.) Are you registered Industrial unit ?

Yes

Registration number

4768

Date of registration

Feb 7, 1946

---

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)	**** Verified***	**** Terms***	**** Consent Fee***
4107.42	CA Certificate	1	75000.00

---

6. If the site is located near sea-shore/river bank/other water bodies/Highway, Indicate the crow fly distance and the name of the water body, if any.

Distance From	***Distance(Km)***	**** Name***
SH/NH	0.00	--NA--
River	0.00	--NA--
Human Habitation	0.00	--NA--
Religious Place	0.00	--NA--

Historical Place	0.00	--NA--
Creek/Sea	0.00	--NA--

6b. Enter Latitude and Longitude details of site

Latitude	***Longitude***
0	0

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	***Approved Industry Area***	***Sensitive Area***	***If Yes, Name Of Area***	***Industry Location with Reference to CRZ***
NA	No	No	NA	

8. If the site is situated in notified industrial estate,

		Details
(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	No	NA
(b) Will the applicant utilize the system, if provided.	No	NA
(c) If not provided, details of proposed arrangement.	NA	

9.

(a) Total plot area (in squear meter)	***(b) Built up area and (in squear meter)***	***(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in squear meter)***
234831.00	14378.95	660

10. Month and year of commissioning of the Unit.

2022-06-30

11. Number of workers and office staff

Workers	***staff***	***Hrs. of shift***	***Weekly off***
0	0	0	0

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	No	This is a building construction project of school building.

(b) If yes, please state population staying

Number of person staying	***Water consumption***	***Sewage generation***	***Whether is STP provided?***
			No

(c) Indicate its location and distance with reference to plant site.

Number of person staying	***Water consumption***

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity

Products Name and Quantity

Product Name	UOM	Product Name	Existing	Consented	Proposed Revision	Total	Remarks
OTHERS	Sq.M	building construction project	0	0	14378.95	14378.95	area is in sq. mtrs. for school building

Products Name and Quantity

Product Name	UOM	Quantity	Remarks
NA	--NA--	0	NA

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	UOM	Quantity	Hazardous Waste	Hazardous Chemicals	Remarks
NA	--NA--	0	No	No	NA

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

NA

Part B : Waste Water aspects

16. Water consumption for different uses (m3/day)

Purpose	Consumption	Effluent Generation	Treatment	Remarks	Disposal	Remarks
Domestic Pourpose	108	97	Septic Tank & Soak Pit	-----	Local Bodies	MCGM NOC is obtained for connecting sewer
Water gets Polluted & Pollutants are Biodegradable	0	0	--NA--	NA	--NA--	NA
Water gets Polluted,Pollutants are not Biodegradable & Toxic	0	0	--NA--	NA	--NA--	NA
Industrial Cooling,spraying in mine pits or boiler feed	0	0	--NA--	NA	--NA--	NA
Others	1 Gardening					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	Name of Local Body	Name of authority granting permission	Qauntity permitted
Local Body	MCGM	MCGM	108

18. Quantity of waste water (effluent) generated (m3/day)

Domastic	Boiler Blowdown	Industrial	Cooling water blowdown
97	0	0	0
Process	**DM Plants/Softening**	**Washing**	**Tail race discharge from**
0	0	0	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

0

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)

0

Treatment unit	***Size (mxm)***	***Retention time (hr)***
NA	0	0

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

0

Treatment unit	***Size (mxm)***	***Retention time (hr)***
NA	0	0

22.

(i) Are sewage and trade effluents mixed together?	No
If yes, state at which stage-Whether before, intermittently or after treatment.	NA

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3)	NA	
Effluent sump/Guard pond details	No	NA
If yes, state at which stage-Whether before, intermittently or after treatment.	No	NA

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	0	***(ii) into creek/estuary (name of Creek/estuary)***	0
(iii) into sea	0	***(iv) into drain/sewer (owner of sewer)***	0
(v) On land for irrigation on owned land/ase land. Specify cropped area.	0	***(vi) Connected to CETP***	0
(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)	162		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	NA
SS (mg/l)	NA
BOD (mg/l)	NA

COD (mg/l)	NA
TDS (mg/l)	NA

Specific pollutant if any	***Name***	***Value***
1		

Treated Effluent

pH	NA
SS (mg/l)	NA
BOD (mg/l)	NA
COD (mg/l)	NA
TDS (mg/l)	NA

Specific pollutant if any	***Name***	***Value***
1		

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

NA

---

26. Fuel consumption

Fuel Type	***UOM***	***Fuel Consumption TPD/LKD***	***Calorific value***
HSD	Kg/Hr	157.5	0
Ash content	***Sulphur content***	***Quantity***	***Other (specify)***
0	0	1	0

---

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
1	DG Set	630	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
157.5	MS	Circular	5
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.1	146.61	112	7.05
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Accoustic hood	SPM	Stack	630

---

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

NA

---

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder\etc. As per Central Board Publication “Emission regulations Part-III” (December, 1985)

Poart hole	Yes	***Details***	Port holes are provided
Platform	Yes	***Details***	Platform is provided
Ladder	Yes	***Details***	Ladder is provided

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No.	Stack attached to	Parameter	Concentration mg/Nm3	flow (Nm3/hr)
1	DG Set	SPM	54.59	146.61

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/ Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

NA

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	Type	Qty	UOM
NA		0	--NA--

Max	Method of collection	Method of reception	Method of storage
	NA	NA	NA

Method of transport	Method of treatment	Method of disposal
NA	NA	NA

Waste (Annually) Schedule II

31. Details about use of hazardous waste

Name of hazardous waste/Spent chemical	Quantity used/month	Party from whom purchased	Party to whom sold
NA	0	NA	NA

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

NA

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

NA

33.

Copy of format of manifest/record Keeping practiced by the applicant.

NA

34.

Details of self-monitoring (source and environment system)

NA

35.

Are you using any imported hazardous waste. If yes, give details.

NA

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

NA

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

NA

38. Quantity of hazardous waste disposal

(i) Within factory

0

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

0

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

NA

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.

NA

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).

Setting up cost =

41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?

Control Panel

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure

Stack / Chimney

43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	Quantity	UOM	Treatment	Disposal	Other Details
Biodegrdable waste	50	Kg/Day	OWC	will be used as manure for landscape	Recycle
Non Biodegradable waste	125	Kg/Day	Segregate	will be handed over to the authorised local vendor	Reuse

44. Hazardous Chemicals – Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Majot Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?

NA

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?

NA

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.

NA

(iv) Has approval of site been obtained from the concerned authority?

NA

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?

NA

(vi) Has information on imports of Chemicals been provided to the concerned authority?

NA

(vii) Does the unit possess a policy under the PLI Act?

NA

45. Brief details of tree plantation/green belt development within applicant's premises (in hectors)

Open Space Availability	Plantation Done On	Number of Trees Planted
660 Square meter	660 Square meter(100 %)	50

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.

OWC, RWH, Solar system are provided for waste Minimization, resource recovery and recycling.

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

50

(b) Any other additional information that the applicants desires to give

No

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

Yes

48.

I/We further declare that the information furnished above is correct to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and
treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and
until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We undertake to furnish any other information within one month of its being called by the Board

Yours faithfully

Signature :
Name : Anand Rane
Designation : AGM - BD

Additional Information

Air Pollution

Sr No.	Air Pollution Source	Pollutants	APCS Provided	Remark
1	DG Set	SPM, Noise	Stack, Accoustic hood	APCS & Sampling facilities are provided.

Separate EM Provided	No	***Other Emission Sources***	NA
Measures Proposed	Stack, Accoustic hood	***Foul Smell Coming Out***	No
Air Sampling Facility Details	Sampling ports, Platform & Ladder are provided.		

D.G. Set Details

Description	Capacity(KVA)	Remarks
DG Set	630	Stack, Accoustic hood & Sampling ports, Platform & Ladder are provided.

Hazardous Waste Generation

Hazardous Waste	Quantity	UOM	Treatment	Disposal	Other Details

CHWTSDF Details

Member of CHWTSDF	CHWTSDF Name	Remarks

Cess Details

Cess Applicable	Cess Paid	If Yes, UpTo
No	No	Jan 1 1900 12:00:00:000AM

Legal Actions

Legal Action Taken	Legal Record Of Company	Legal Action Details	Remarks
No			

ADVERTISEMENTS

THE FREE PRESS JOURNAL
MUMBAI | SATURDAY | FEBRUARY 6, 2016

LARSEN & TOUBRO LIMITED

Registered Office: L&T House, Ballard Estate, Mumbai 400 001
CIN: L99999MH1946PLC004768
www.Larsentoubro.com

Public Notice

All the concerned persons including environmental groups and others stake holders are hereby informed that the Department of Environment, Government of Maharashtra has accorded Environmental Clearance to M/s **Larsen & Toubro Limited**, L&T House, N.M. Marg, Ballard Estate, Mumbai, Maharashtra for IT Building located at CTS No.112 & 115 of Village Tungwa and CTS No. 86 & 87 of Village Paspoli, Saki-Vihar Road, Powai, Mumbai 400 072 vide File No: SEAC-2014/CR-151/C-1 dated 28th January 2016.

The copy of clearance letter is available with the Maharashtra State Pollution Control Board and may also be seen on the website of the Environment Department, Maharashtra at http://ec.maharashtra.gov.in.

M/S LARSEN & TOUBRO LIMITED
L&T House, N.M. Marg, Ballard Estate, Mumbai – 400 001, Maharashtra

नवशक्ति
मुंबई, शनिवार, ६ फेब्रुवारी २०१६

जाहिर सूचना

महाराष्ट्र सरकार पर्यावरण विभाग रूम नं. 217, दुसरा मजला, मंत्रालय विस्तारीत, मुंबई – 400 032 यांनी त्यांच्या पत्र क्र. SEAC-2014/CR-151/C-1 दिनांक 28 जानेवारी 2016 या द्वारे मे. लार्सन ॲन्ड टुब्रो लि. यांच्या सी.टी.एस. नं. 112 व 115, विलेज तुगंवा आणि सी.टी.एस. नं. 86 व 87, गाव पासपोली, तालुका कुर्ला, साकी विहार रोड, पवई, मुंबई, महाराष्ट्र राज्य येथील माहिती तंत्रज्ञान इमारत ब्रांधण्यासाठी पर्यावरण विषयक परवानगी दिली आहे.

सदर परवानगीच्या प्रती महाराष्ट्र शासन, पर्यावरण विभाग, मंत्रालय व महाराष्ट्र राज्य प्रदुषण नियंत्रण मंडळाकडे उपलब्ध आहेत. त्याच प्रमाणे http://ec.maharashtra.gov.in या वन व पर्यावरण मंत्रालयाच्या वेबसाईटवर पाहू शकता.

संचालक
मेसर्स. लार्सन ॲन्ड टुब्रो लिमिटेड,
एल ॲन्ड टी हाउस,
एन. एम. मार्ग,
बॅलार्ड इस्टेट, मुंबई – 400 001

SITE PHOTOGRAPHS

Core & Shell works in progress

27M Road works in progress

Residential works in progress

Commercial works in progress

Site Barricading

Basic Facilities for Construction Work force

Features:

1. Labour Camps
2. Sanitary Measures
3. First-aid and emergency facilities.
4. Adequate drinking water facilities.
5. Personal protective equipment (by owner/ contractor).
6. Safety Park.
7. Adequate illumination levels in construction work areas.
8. Regular Health Checkup & Ambulance Facility
9. Regular sanitization of Toilets, Labor camps, site office and stores

Basic Facilities for Construction Work force

Safety Park

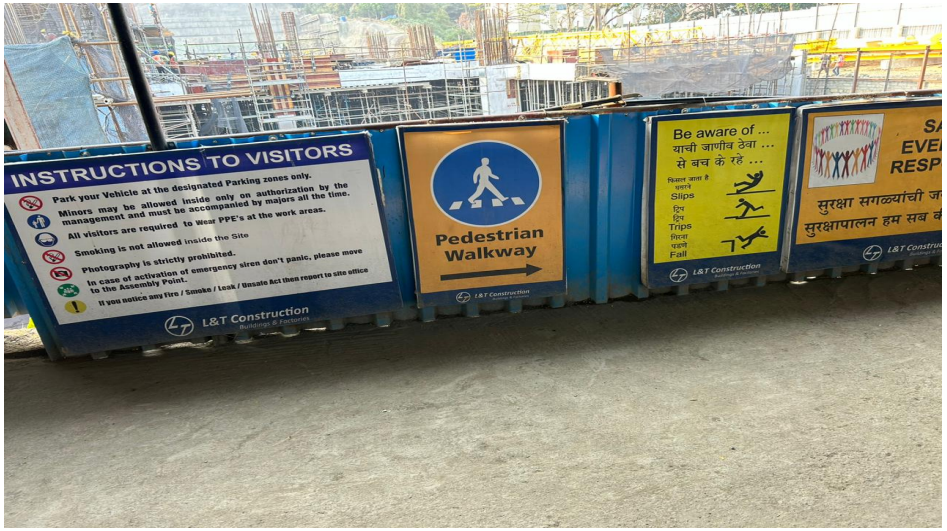
PPE’s

Basic Facilities for Construction Work force

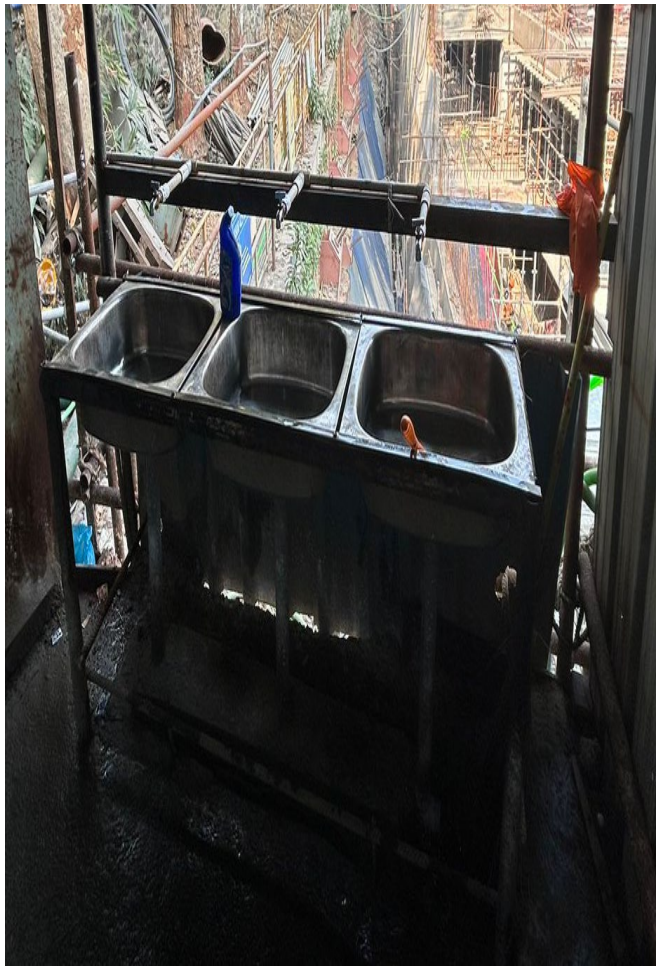
Worker's safety induction and Trade base training

Basic Facilities for Construction Work force

Safety Signages



Wash basins and Urinals



Fogging to Maintain good Health and Hygiene.


FIRST AID
CENTER


AMBULANCE
MH.43.5235


Emergency Assembly Point
आपातकालीन सभा स्थल
L&T Construction
INSTRUCTIONS TO VISITORS


L&T Construction
Elixir Reserve Proj


EMERGENCY ASSEMBLY POINT

Core & Shell works in progress

27M Road works in progress

Residential works in progress

Site Barricading

Basic Facilities for Construction Work force

Features:

1. Labour Camps
2. Sanitary Measures
3. First-aid and emergency facilities.
4. Adequate drinking water facilities.
5. Personal protective equipment (by owner/ contractor).
6. Safety Park.
7. Adequate illumination levels in construction work areas.
8. Regular Health Checkup & Ambulance Facility
9. Regular sanitization of Toilets, Labor camps, site office and stores

Basic Facilities for Construction Work force

Safety Park

PPE’s

Basic Facilities for Construction Work force

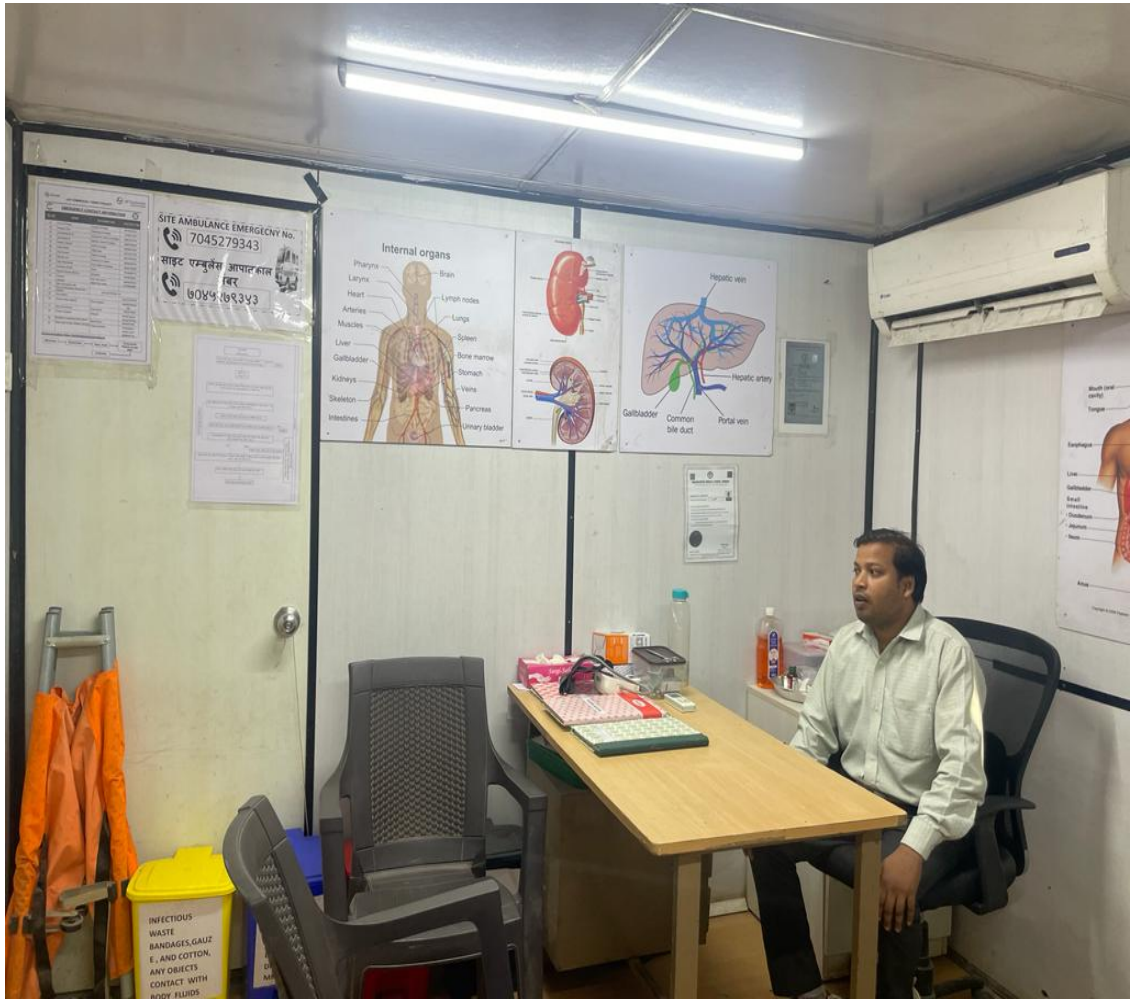
Worker’s safety induction and Trade base training

Basic Facilities for Construction Work force

Safety Signages

Wash basins and Urinals

Fogging to Maintain good Health and Hygiene.

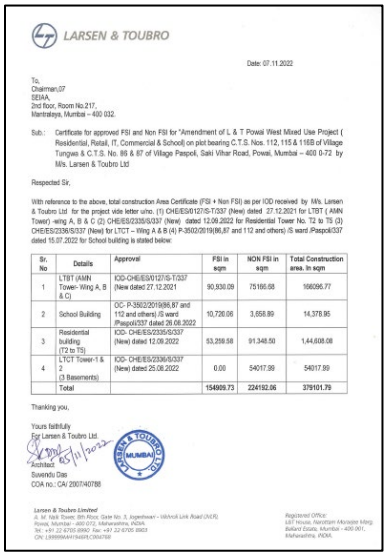

SITE AMBULANCE EMERGENCY No.
7045279343
Internal organs
Pharynx
Larynx
Heart
Arteries
Muscles
Liver
Gallbladder
Kidneys
Skeleton
Intestines
Brain
Lymph nodes
Lungs
Spleen
Bone marrow
Stomach
Veins
Pancreas
Urinary bladder
Hepatic vein
Hepatic artery
Gallbladder
Common bile duct
Portal vein
INFECTIOUS WASTE BANDAGES,GAUZ E, AND COTTON, ANY OBJECTS CONTACT WITH BODY FLUIDS


AMBULANCE
MH46BM4310


Emergency Assembly Point
आपातकालीन सभा स्थल
L&T Construction
INSTRUCTIONS TO VISITORS
Pedestrian Walkway
EHS STATISTICS & DISPLAY BOARD
22/11/2023
01/04/2023
676864
676864
07
00
04
00


How To Use Fire Extinguisher
P A S S
Fire point
K-KNEX
अलग करें....
गुणवत्ता प्रदान करें !
Safety is the
Risk Preventi
Working
L&T Construction

Annexure - I



LARSEN & TOUBRO

Date: 07.11.2022

To,
Chairman,07
SEMA,
2nd floor, Room No.217,
Mantralaya, Mumbai – 400 032.

Sub.: Certificate for approved FSI and Non FSI for "Amendment of L & T Powai West Mixed Use Project (Residential, Retail, IT, Commercial & School) on plot bearing C.T.S. Nos. 112, 115 & 116B of Village Tungwa & C.T.S. No. 86 & 87 of Village Paspoli, Saki Vihar Road, Powai, Mumbai – 400 0-72 by M/s. Larsen & Toubro Ltd

Respected Sir,

With reference to the above, total construction Area Certificate (FSI + Non FSI) as per IOD received by M/s. Larsen & Toubro Ltd for the project vide letter u/no. (1) CHE/ES/0127/S-T/337 (New) dated 27.12.2021 for LTBT (AMN Tower) -wing A, B & C (2) CHE/ES/2335/S/337/ (New) dated 12.08.2022 for Residential Tower No. T2 to T5 (3) CHE/ES/2336/S/337 (New) for LTCT – Wing A & B (4) P-3502/2019(86,87 and 112 and others) /S ward /Paspoli/337 dated 15.07.2022 for School building is stated below:

Sr. No	Details	Approval	FSI in sqm	NON FSI in sqm	Total Construction area. In sqm
1	LTBT (AMN Tower- Wing A, B & C)	IOD-CHE/ES/0127/S-T/337 (New) dated 27.12.2021	90,930.09	75166.68	166096.77
2	School Building	OC- P-3502/2019(86,87 and 112 and others) /S ward /Paspoli/337 dated 26.08.2022	10,720.06	3,658.89	14,378.95
3	Residential building (T2 to T5)	IOD- CHE/ES/2335/S/337 (New) dated 12.08.2022	53,258.58	91,348.50	1,44,608.08
4	LTCT Tower-1 & 2 (3 Basements)	IOD- CHE/ES/2336/S/337 (New) dated 25.08.2022	0.00	54017.99	54017.99
	Total		154909.73	224192.06	379101.79

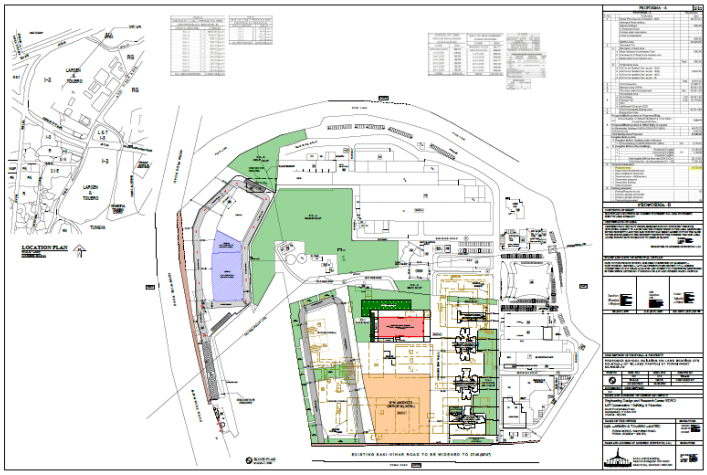
Thanking you,

Yours faithfully
For Larsen & Toubro Ltd.

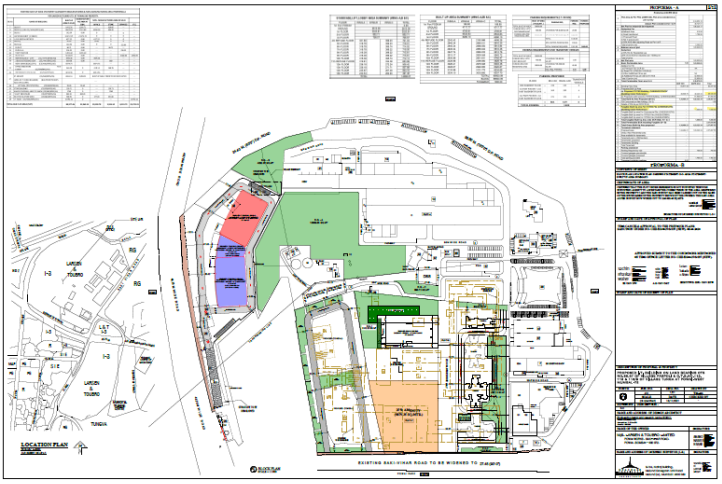
Architect
Suvendu Das
COA no.: CA/ 2007/40788

Larsen & Toubro Limited
Registered Office:

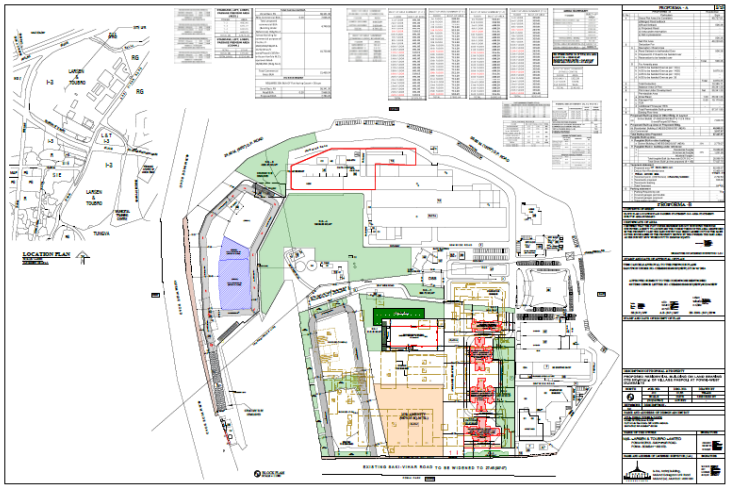
School



LTBT

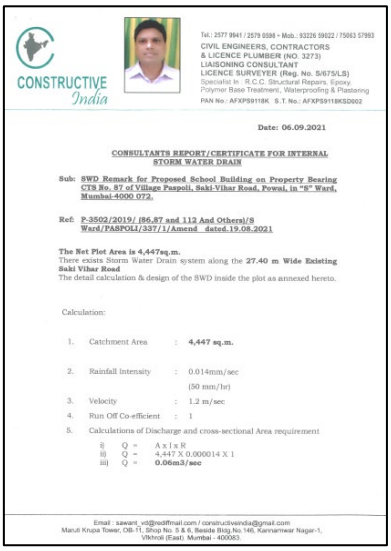


Resi



Annexure – II

SWD REMARKS



CONSTRUCTIVE India

Tel.: 2577 9941 / 2579 0598 • Mob.: 93226 59022 / 75063 57993
CIVIL ENGINEERS, CONTRACTORS
& LICENCE PLUMBER (NO. 3273)
LIAISONING CONSULTANT
LICENCE SURVEYER (Reg. No. S/675/LS)
Specialist in : R.C.C. Structural Repairs, Epoxy Polymer Base Treatment, Waterproofing & Plastering
PAN No.: AFXPS9118K S. T. No.: AFXPS9118KSD002

Date: 06.09.2021

CONSULTANTS REPORT/CERTIFICATE FOR INTERNAL STORM WATER DRAIN

Sub: SWD Remark for Proposed School Building on Property Bearing CTS No. 87 of Village Paspoli, Saki-Vihar Road, Powai, in "S" Ward, Mumbai-4000 072.

Ref: P-3502/2019/ (86,87 and 112 And Others)/S Ward/PASPOLI/337/1/Amend dated.19.08.2021

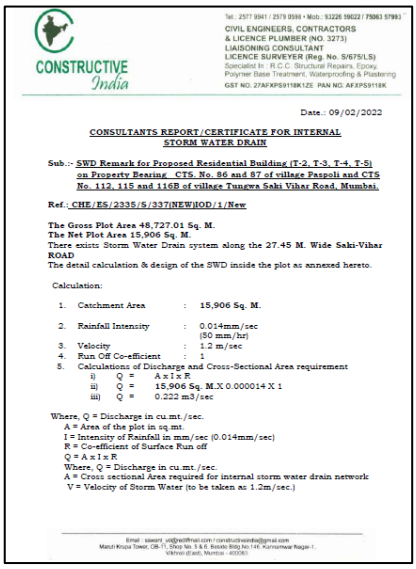
The Net Plot Area is 4,447sq.m.
There exists Storm Water Drain system along the **27.40 m Wide Existing Saki Vihar Road**
The detail calculation & design of the SWD inside the plot as annexed hereto.

Calculation:

1. Catchment Area : **4,447 sq.m.**
2. Rainfall Intensity : 0.014mm/sec (50 mm/hr)
3. Velocity : 1.2 m/sec
4. Run Off Co-efficient : 1
5. Calculations of Discharge and cross-sectional Area requirement
   i) Q = A x I x R
   ii) Q = 4,447 X 0.000014 X 1
   iii) Q = **0.06m3/sec**

Email : sawant_vd@rediffmail.com / constructiveindia@gmail.com
Maruti Krupa Tower, OB-T1, Shop No. 5 & 6, Beside Bldg.No.146, Kannamwar Nagar-1, Vikhroli (East). Mumbai - 400083.

SWD remarks for school



CONSTRUCTIVE India

Tel.: 2577 9941 / 2579 0598 • Mob.: 93226 59022 / 75063 57993
CIVIL ENGINEERS, CONTRACTORS
& LICENCE PLUMBER (NO. 3273)
LIAISONING CONSULTANT
LICENCE SURVEYER (Reg. No. S/675/LS)
Specialist in : R.C.C. Structural Repairs, Epoxy Polymer Base Treatment, Waterproofing & Plastering
GST NO. 27AFXPS9118K1ZE PAN NO. AFXPS9118K

Date.: 09/02/2022

CONSULTANTS REPORT/CERTIFICATE FOR INTERNAL STORM WATER DRAIN

Sub.:- SWD Remark for Proposed Residential Building (T-2, T-3, T-4, T-5) on Property Bearing CTS. No. 86 and 87 of village Paspoli and CTS No. 112, 115 and 116B of village Tungwa Saki Vihar Road, Mumbai.

Ref.: CHE/ES/2335/S/337(NEW)IOD/1/New

The Gross Plot Area 48,727.01 Sq. M.
The Net Plot Area 15,906 Sq. M.
There exists Storm Water Drain system along the 27.45 M. Wide Saki-Vihar ROAD
The detail calculation & design of the SWD inside the plot as annexed hereto.

Calculation:

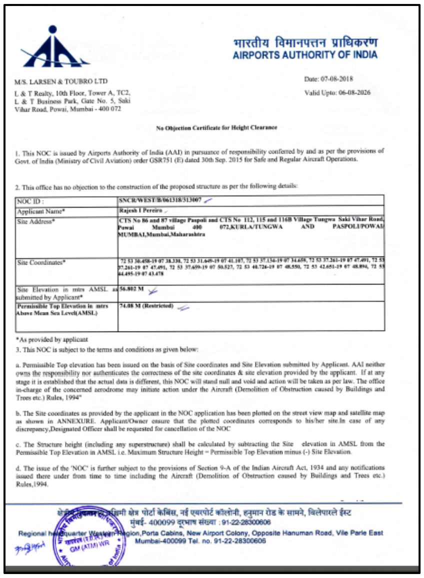
1. Catchment Area : 15,906 Sq. M.
2. Rainfall Intensity : 0.014mm/sec (50 mm/hr)
3. Velocity : 1.2 m/sec
4. Run Off Co-efficient : 1
5. Calculations of Discharge and Cross-Sectional Area requirement
   i) Q = A x I x R
   ii) Q = 15,906 Sq. M.X 0.000014 X 1
   iii) Q = 0.222 m3/sec

Where, Q = Discharge in cu.mt./sec.
A = Area of the plot in sq.mt.
I = Intensity of Rainfall in mm/sec (0.014mm/sec)
R = Co-efficient of Surface Run off
Q = A x I x R
Where, Q = Discharge in cu.mt./sec.
A = Cross sectional Area required for internal storm water drain network
V = Velocity of Storm Water (to be taken as 1.2m/sec.)

Email : sawant_vd@rediffmail.com / constructiveindia@gmail.com
Maruti Krupa Tower, OB-T1, Shop No. 5 & 6, Beside Bldg.No.146, Kannamwar Nagar-1, Vikhroli (East), Mumbai – 400083.

SWD remarks for Residential

AAI NOC-RESI


भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

M/S. LARSEN & TOUBRO LTD
L & T Realty, 10th Floor, Tower A, TC2,
L & T Business Park, Gate No. 5, Saki
Vihar Road, Powai, Mumbai - 400 072

Date: 07-08-2018
Valid Upto: 06-08-2026

No Objection Certificate for Height Clearance

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations.

2. This office has no objection to the construction of the proposed structure as per the following details:

NOC ID :	SNCR/WEST/B/061318/313007
Applicant Name*	Rajesh I Pereira
Site Address*	CTS No 86 and 87 village Paspoli and CTS No 112, 115 and 116B Village Tungwa Saki Vihar Road, Powai Mumbai 400 072,KURLA/TUNGWA AND PASPOLI/POWAI MUMBAI,Mumbai,Maharashtra
Site Coordinates*	72 53 30.458-19 07 38.330, 72 53 31.449-19 07 41.107, 72 53 37.134-19 07 34.659, 72 53 37.261-19 07 47.491, 72 53 37.261-19 07 47.491, 72 53 37.659-19 07 50.527, 72 53 40.726-19 07 48.550, 72 53 42.651-19 07 48.894, 72 53 44.495-19 07 43.478
Site Elevation in mtrs AMSL as submitted by Applicant*	56.802 M
Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	**74.08 M (Restricted)**

*As provided by applicant

3. This NOC is subject to the terms and conditions as given below:

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The office in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994"

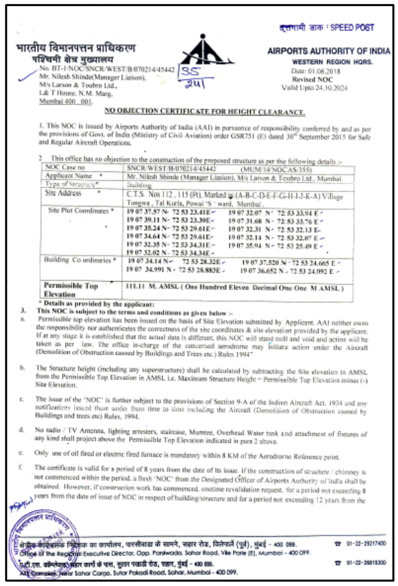
b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner ensure that the plotted coordinates corresponds to his/her site.In case of any discrepancy,Designated Officer shall be requested for cancellation of the NOC

c. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

d. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules,1994.

क्षेत्रीय मुख्यालय पश्चिमी क्षेत्र पोर्टा केबिंस, नई एयरपोर्ट कॉलोनी, हनुमान रोड के सामने, विलेपारले ईस्ट मुंबई- 400099 दूरभाष संख्या : 91-22-28300606
Regional headquarter Western Region,Porta Cabins, New Airport Colony, Opposite Hanuman Road, Vile Parle East Mumbai-400099 Tel. no. 91-22-28300606

AAI NOC-LTBT


द्रुतगामी डाक / SPEED POST

भारतीय विमानपत्तन प्राधिकरण
पश्चिमी क्षेत्र मुख्यालय

AIRPORTS AUTHORITY OF INDIA
WESTERN REGION HQRS.

No. BT-I/NOC/SNCR/WEST/B/070214/45442
Mr. Nilesh Shinde(Manager Liaison),
M/s Larson & Toubro Ltd.,
L& T House, N.M. Marg,
Mumbai 400 001.

Date: 01.06.2018
Revised NOC
Valid Upto 24.10.2024

NO OBJECTION CERTIFICATE FOR HEIGHT CLEARANCE.

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th September 2015 for Safe and Regular Aircraft Operations.

2. This office has no objection to the construction of the proposed structure as per the following details :-

NOC Case no	SNCR/WEST/B/070214/45442 (MUM/14/NOC/AS/355)
Applicant Name *	Mr. Nilesh Shinde (Manager Liaison), M/s Larson & Toubro Ltd., Mumbai.
Type of Structure*	Building
Site Address *	C.T.S. Nos 112 , 115 (Pt), Marked as (A-B-C-D-E-F-G-H-I-J-K-A) Village Tungwa , Tal Kurla, Powai 'S ' ward, Mumbai .
Site Plot Coordinates *	19 07 37.57 N- 72 53 23.41E; 19 07 39.11 N- 72 53 23.39E; 19 07 35.24 N- 72 53 29.61E; 19 07 34.64 N- 72 53 29.61E; 19 07 32.35 N- 72 53 34.31E; 19 07 32.02 N- 72 53 34.34E; 19 07 32.07 N- 72 53 33.94 E; 19 07 31.68 N- 72 53 33.76 E; 19 07 32.31 N- 72 53 32.13 E; 19 07 32.14 N- 72 53 32.07 E; 19 07 35.94 N- 72 53 25.49 E
Building Co ordinaries *	19 07 34.14 N- 72 53 28.32E; 19 07 34.991 N- 72 53 28.883E; 19 07 37.520 N- 72 53 24.665 E; 19 07 36.652 N- 72 53 24.092 E
Permissible Top Elevation	**111.11 M. AMSL (One Hundred Eleven Decimal One One M AMSL)**

* **Details as provided by the applicant:**

3. **This NOC is subject to the terms and conditions as given below :-**

a. Permissible top elevation has been issued on the basis of Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The office in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules 1994"

b. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

c. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by Buildings and trees etc) Rules, 1994.

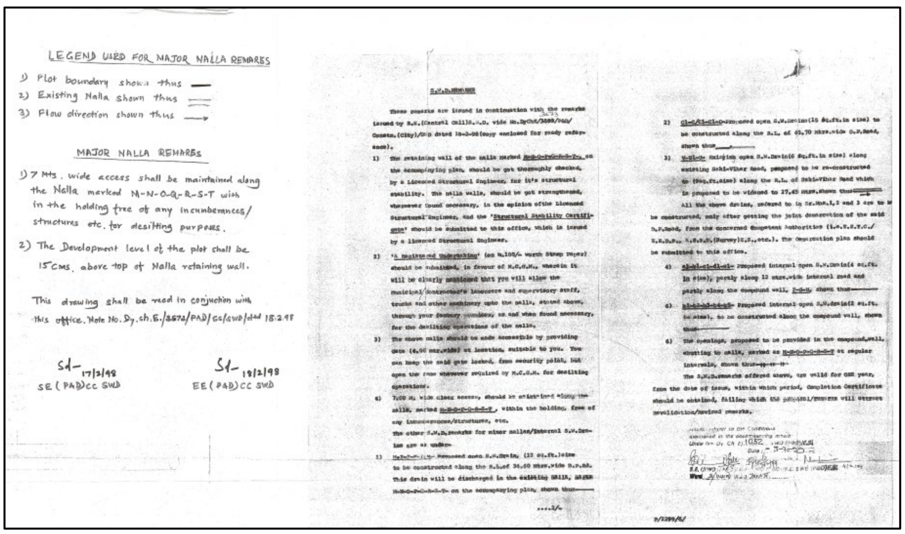
d. No radio / TV Antenna, lighting arresters, staircase, Mumtee, Overhead Water tank and attachment of fixtures of any kind shall project above the Permissible Top Elevation indicated in para 2 above.

e. Only use of oil fired or electric fired furnace is mandatory within 8 KM of the Aerodrome Reference point.

f. The certificate is valid for a period of 8 years from the date of its issue. If the construction of structure / chimney is not commenced within the period, a fresh 'NOC' from the Designated Officer of Airports Authority of India shall be obtained. However, if construction work has commenced, onetime revalidation request, for a period not exceeding 8 years from the date of issue of NOC in respect of building/structure and for a period not exceeding 12 years from the

Office of the Regional Executive Director, Opp. Panlwada, Sahar Road, Vile Parle (E), Mumbai - 400 099. 91-22-29217400
ATS Complex, Near Sahar Cargo, Sutar Pakadi Road, Sahar, Mumbai - 400 099. 91-22-26815300

NALLA REMARKS


LEGEND USED FOR MAJOR NALLA REMARKS

1) Plot boundary shown thus
2) Existing Nalla shown thus
3) Flow direction shown thus

MAJOR NALLA REMARKS

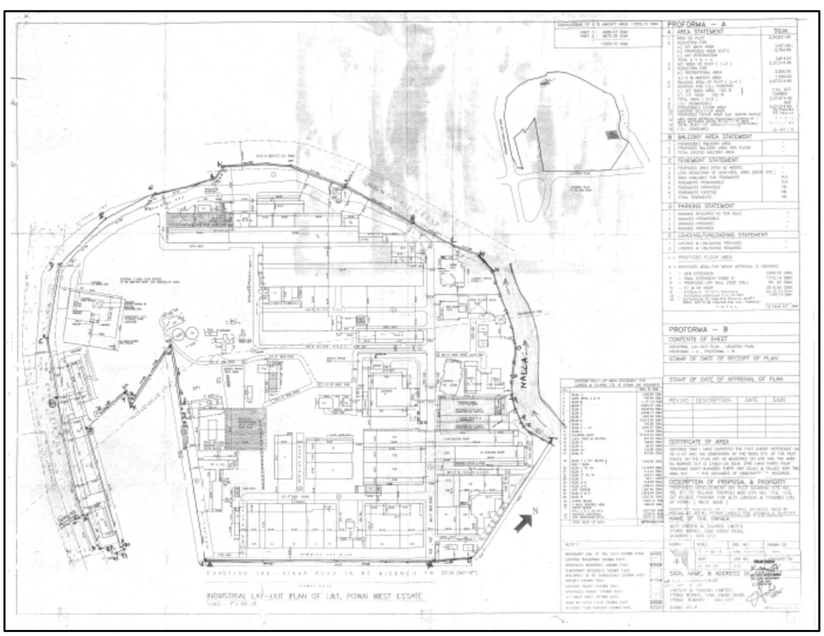
1) 7 Mts. wide access shall be maintained along the Nalla marked M-N-O-Q-R-S-T with in the holding free of any incumberances/ structures etc. for desilting purposes.

2) The Development level of the plot shall be 15 Cms. above top of Nalla retaining wall.

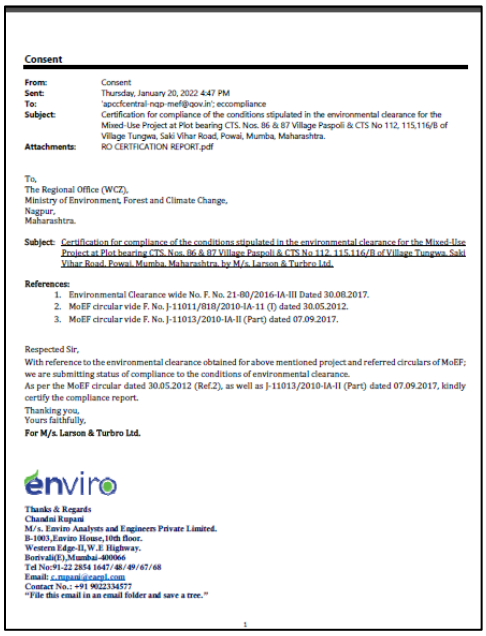
This drawing shall be read in conjuction with this office. Note No. Dy.ch.E./3572/PAD/cc/swd/dtd 18.2.98

Sd- 17/2/98 SE (PAD) CC SWD

Sd- 18/2/98 EE (PAD) CC SWD



Annexure – III



Consent

From: Consent
Sent: Thursday, January 20, 2022 4:47 PM
To: 'apcfcentral-ngp-mef@gov.in'; eccompliance
Subject: Certification for compliance of the conditions stipulated in the environmental clearance for the Mixed-Use Project at Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112, 115,116/B of Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra.
Attachments: RO CERTIFICATION REPORT.pdf

To,
The Regional Office (WCZ),
Ministry of Environment, Forest and Climate Change,
Nagpur,
Maharashtra.

Subject: Certification for compliance of the conditions stipulated in the environmental clearance for the Mixed-Use Project at Plot bearing CTS. Nos. 86 & 87 Village Paspoli & CTS No 112, 115,116/B of Village Tungwa, Saki Vihar Road, Powai, Mumba, Maharashtra, by M/s. Larsen & Turbro Ltd.

References:
1. Environmental Clearance wide No. F. No. 21-80/2016-IA-III Dated 30.08.2017.
2. MoEF circular vide F. No. J-11011/818/2010-IA-11 (I) dated 30.05.2012.
3. MoEF circular vide F. No. J-11013/2010-IA-II (Part) dated 07.09.2017.

Respected Sir,
With reference to the environmental clearance obtained for above mentioned project and referred circulars of MoEF; we are submitting status of compliance to the conditions of environmental clearance.
As per the MoEF circular dated 30.05.2012 (Ref.2), as well as J-11013/2010-IA-II (Part) dated 07.09.2017, kindly certify the compliance report.
Thanking you,
Yours faithfully,
For M/s. Larsen & Turbro Ltd.

enviro

Thanks & Regards
Chandni Rupani
M/s. Enviro Analysts and Engineers Private Limited.
B-1003,Enviro House,10th floor.
Western Edge-II, W.E Highway.
Borivali(E),Mumbai-400066
Tel No:91-22 2854 1647/48/49/67/68
Email: c.rupani@eaepl.com
Contact No.: +91 9022334577
"File this email in an email folder and save a tree."

1

Annexure – IV

COST OF EMP FOR CONSTRUCTION PHASE:

Estimated EMP cost (Construction Phase)	
	Estimated Cost/ annum (in lakhs)
Dust suppression	2.50
Site Sanitation	2.00
Environment Monitoring	1.50
Disinfection	1.50
Health check up	2.00
Mobile STP	2.00
Total	11.50

	Estimated Capital cost (rupees In lakh)
RWH	45
OWC	45
STP + LFD	122 (Excluding Civil cost)
Landscaping + Miyawaki	358
Energy system, LED, Solar	135 (Excluding Civil cost)
DMP	1016
BAC and dewatering	50
Total	**1771**

COST OF EMP FOR CONSTRUCTION PHASE:

	Estimated **Annual Maintenance cost/annum (rupees in lakh)**
RWH	3
OWC	10
STP +LFD	12
Landscaping+ Miyawaki	54
Energy system, LED, Solar	5
DMP	318
BAC and dewatering	5.00
Total	**407**