



Date: 28/12/2022

To,

The Member Secretary,  
Maharashtra Pollution Control Board,  
Kalpataru Point, 2/3/4<sup>th</sup> Floor,  
Sion Matunga Scheme, Road No 8,  
Opp. Sion Circle, Sion (East),  
Mumbai- 400022

**Sub:** Submission of Environment Clearance letter compliance report of (July 2022 to December 2022) for our project "TATA Communications IDC (Internet Data Centre) Complex" by TATA Communications Ltd. at Dighi, Pune

**Ref:** 1. EC identification No.-EC22B039MH147777 File No. SIA/MH/MIS/284432/2022 Dated 7<sup>th</sup> December 2022  
2. Revalidated EC letter no. SEIAA-2018/CR-139Est dated 20<sup>th</sup> December 2018  
3. SEAC-2010/CR.709/TC.2 dated 9<sup>th</sup> June 2011  
4. EC Letter dated 16<sup>th</sup> March 2009

Respected Sir,

We are submitting herewith the Datasheet, work status, and point-wise compliance to various stipulations laid down by the State Level Environment Impact Assessment Authority, Maharashtra in its clearance letter SEAC-2010/CR.709/TC.2 dated 9<sup>th</sup> June 2011 along with the necessary enclosures.

We have obtained an Expansion in EC having EC identification no. EC22B039MH147777 File No. SIA/MH/MIS/284432/2022 Dated 7<sup>th</sup> December 2022. However, we have not started any construction work as per the granted EC. We will start construction work once consent to establish for expansion is obtained from MPCB.

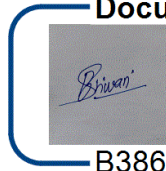
This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

Yours Sincerely,

For TATA Communications Ltd.

DocuSigned by:



Authorized Signatory

Encl:

Part A: Data Sheet  
Part B: Work Status  
Part C: Point wise compliance status  
Part D: Annexures

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**TATA COMMUNICATIONS**  
Tata Communications Limited

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**Compliance to Stipulated Conditions in  
Environment Clearance**

**(July 2022– December 2022)**

***FOR***

**“TATA Communications IDC  
(Internet Data Centre) Complex”**

**At**

**Sr.no. 56 & 57, A2, Pune-Alandi Road, Dighi, Tal. Haveli,  
Dist. Pune- 411015**

**By**

**TATA Communications Ltd.**

**For Submission to:**

**Ministry of Environment, Forest & climate change**

**(MoEF&CC)**

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## PART A DATA SHEET

Monitoring the Implementation of Environmental Safeguards

Ministry of Environment, Forest and Climate Change

Western Region, Regional Office, Nagpur

Date: 01/12/2022

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Building & Construction project
2.	Name of the project	:	Expansion of TATA Communications IDC (Internet Data Centre) Complex at Dighi Pune.
3.	Clearance letter (s) / OM No. and Date	:	<p>1. Expansion in Environment clearance vide EC identification No.- EC22B039MH147777 File No. SIA/MH/MIS/284432/2022 Dated 07/12/2022.</p> <p>2. Revalidated EC letter no. SEIAA-2018/CR-139Est dated 20.12.2018.</p> <p>3. Environmental Clearance Vide Letter No. SEAC-2010/CR.709/TC.2 dated 9<sup>th</sup> June, 2011.</p> <p>4. Previous EC dated 16 March 2009</p>
4.	Location	:	
	a. District (S)	:	Pune
	b. State (s)	:	Maharashtra
	c. Latitude/ Longitude	:	Latitude:18°36'14.04", Longitude73°51'52.32"
5.	Address for correspondence	:	
	a. Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers)	:	<p>M/s Tata Communications Ltd.</p> <p>Sr.no. 56 &amp; 57, A2, Pune-Alandi Road, Dighi, Tal. Haveli, Dist. Pune- 411015</p>
	b. Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	<p>M/s Tata Communications Ltd.</p> <p>Sr.no. 56 &amp; 57, A2, Pune-Alandi Road, Dighi, Tal. Haveli, Dist. Pune- 411015</p>



6.	Salient features			
	a.	of the project	:	<p>Total Plot Area: 10,03,612.60 Sq.m.</p> <p>FSI area: 4,53,185.6 Sq.m</p> <p>Non FSI area: 1,04,232.7 Sq.m</p> <p>Total BUA: 5,57,418.3 Sq.m</p> <p><b>30 Nos of Building:</b></p> <p>Commercial Buildings, Offices, IDC Block, GMBA Block, Training facility, HVAC Room, DG room, Power substation, Network area, club cafeteria, Kitchen, MLCP's.</p>
	b.	of the environmental management plans	:	<p>1. Sewage treatment Plant: 1 No of STP of capacity 500KLD is installed at site.</p> <p>2. Rain water harvesting: It is recharged through recharge pits for harvesting after filtration &amp; 1 No of RWH tank (Capacity 2 Lac Liter)</p> <p>3. Solid Waste Management</p> <p>a) Biodegradable waste is treated in OWC</p> <p>b) Dry waste is collected by Authorized vendor</p> <p>c) E-waste is collected by Authorized dealer</p> <p>d) Hazardous waste (DG lube oil) is handed over to an Authorized dealer</p> <p>e) STP sludge is used as manure.</p>
7.	Breakup of the project area		:	
	a.	Submergence area forest & non-forest	:	Project is located in non-forest area
	b.	Others	:	NA
8.	Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers /artisan		:	Not Applicable.
	a.	SC, ST/Adivasis	:	Not Applicable

	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)	:	Not Applicable
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:		
	1.	Estimated Cost of the Project	:	Rs. 370 Crores (As per EC dated 2011 & revalidate)
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	<b>During Operation Phase:</b> Capital Cost: 1860 Lakh O & M Cost: Rs. 46.50 Lakhs
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	
	d.	Whether ( c ) includes the Cost of environmental management as shown in the above.	:	
	e.	Actual expenditure incurred on the project so far	:	Rs. 199.56 Cr
	f.	Actual expenditure incurred on the environmental management plans so far		STP O & M cost: 15.72 Lakhs OWC O & M Cost: 4.040 Lakhs Horticulture development: 6.95Lakhs Tree Plantation: 0.34 Lakhs Rain Water Harvesting: 0.99 Lakhs Dam Development: 1.5 Lakhs
10.	Forest land requirement		:	Not Applicable
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable
	b.	The status of clearing felling	:	Not Applicable

	c.	The status of compensatory afforestation, it any	:	Not Applicable		
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable		
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information		:	Not Applicable		
12.	Status of construction			Sr. No	Building Name & number	Status as on December 2022
				1	1 No of IDC 1 type data center building	Construction work is completed.
				2	1 No of IDC-2 type data center building	
				3	1 No of IDC-3 type data center building	
				4	1 No of HVAC plant	
				5	1 No of C.M.B. building	
				6	1 No of Electrical Substation	
				7	1 No of Power plant	
				8	1 No of GIS substation	
				9	1 No of cafeteria Block	
				10	1 No of A-10 type Office building	
				11	1 No of A-11 type Office building	
				12	1 No of GCSC office building	
				13	1 No of Chiller Block	
				14	1 No of Block A	

			15	16 No. of remaining Buildings	Construction work is not started.
	a.	Date of commencement (Actual and/or planned)	:	2009	
	b.	Date of completion (Actual and/or planned)	:	January 2015	
13.		Reasons for the delay if the Project is yet to start	:	NA	
14		Dates of site visits			
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	We have applied for Expansion in the existing EC for that we have requested RO for the site visit. The RO conducted a site visit dated 20.09.2022 & obtained RO certified report vide No-F.No.:1504/RON/2022-NGP/10409 dated 10.10.2022.	
	b.	Date of site visit for this monitoring report	:	20.09.2022	
15.		Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)	:	Not Applicable	
		(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	Agreed	

## PART B CURRENT STATUS OF WORK

Sr. No.	Building Name & Number	Status as on December 2022	Status of the Environmental Management Facilities
1	1 No of IDC 1 type data center building	Construction work is completed.	<ul style="list-style-type: none"> <li>• STP is installed.</li> <li>• OWC is Installed</li> <li>• Plantation of trees across road sides, building sides, plot boundary is completed.</li> </ul>
2	1 No of IDC-2 type data center building 1 No of IDC-3 type data center building		
3	1 No of HVAC plant		
4	1 No of C.M.B. building		
5	1 No of Electrical Substation		
6	1 No of Power plant		
7	1 No of GIS substation		
8	1 No of cafeteria Block		
9	1 No of A-10 type Office building		
10	1 No of A-11 type Office building		
11	1 No of GCSC office building		
12	1 No of Chiller Block		
13	1 No of Block A		
14	1 No of IDC 1 type data center building		
15	16 No. of remaining Buildings	Construction work is not started.	

### Note:

We have obtained expansion in Environment clearance for project Tata Communications, Dighi Pune having EC identification No.-EC22B039MH147777 File No. SIA/MH/MIS/284432/2022 Dated 07/12/2022.

However, we have not started construction as per granted EC. We will start construction activity once consent to establish for expansion is obtained from MPCB.

## **PART C: ENVIRONMENT CLEARANCE COMPLIANCE REPORT**

Point wise compliance to various stipulations laid down by the MoEF & CC in Environment Clearance Letter File No. SEAC-2010/CR./709/TC.2 Dated 9<sup>th</sup> June 2011 & revalidation EC letter no. SEIAA-2018/CR-139Est dated 20.12.2018 are as follows:

<b>SPECIFIC CONDITIONS:</b>		
I	This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with request to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.	Agreed.
II	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	Noted. 1 No. of 500 KLD STP is installed. Plantation of trees across road sides, building sides, plot boundary is completed. Water requirement is fulfilled by the MIDC.
III	The height Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey	Height, built up area of construction is accordance with the existing FSI /FAR norms.  Maximum height: 22 meters  Existing built-up area as per EC: 557418.3 Sq.m.

	number before approving layout plan & before according commencement certificate to proposed work. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	
IV	“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.	Consent order No. Format 1.0/BO/JD (WPC)/UAN No. 056935/CE/CC 190500251 Dated- 04/05/2019 is obtained for the project.
V	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	During construction phase of part project mobile toilets were provided with sanitary facilities such as safe drinking water, clinic and crèche etc. for labors.
VI	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.	<p>During construction phase of part completed project following provision made available for workers.</p> <ul style="list-style-type: none"> <li>• Regular supply of Drinking water was made available at site</li> <li>• Clinic with ambulance was provided at labour camp for regular checkup for workers.</li> <li>• mobile toilets were provided on site</li> <li>• Crèche provided.</li> </ul>
VII	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	<p>Regular supply of Drinking water was made available at site.</p> <p>Mobile toilets were provided for construction worker.</p> <p>Solid waste generated was collected separately for dry &amp; wet waste and handed over to authorized vendor.</p>

	construction phase should be ensured.	
VIII	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.	<p>Solid waste is being collected separately as dry &amp; wet waste.</p> <p>In operation phase dry waste is collected by authorized agency.</p> <p>Wet waste is treated in OWC.</p>
IX	Wet garbage should be treated by composting method and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	<ul style="list-style-type: none"> <li>• Collection of the segregated solid waste shall be done. Final screening shall be done with dedicated efforts, inside a shade on raised platform.</li> <li>• Wet garbage used as manure for gardening after treatment in OWC.</li> </ul>
X	Arrangement shall be made that waste water and storm water do not get mixed.	<p>Construction Phase- Sewage was collected by mobile toilet vendor hence doesn't get mixed with storm water.</p> <p>Operation phase - During operation phase 100% waste water have been treated in STPs.</p>
XI	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	All the topsoil excavated material was used for land leveling. Topsoil was used for landscaping.
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.	Construction work of part project is completed and we have used additional soil for levelling.
XIII	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	<p>Green Belt is being developed by considering CPCB guidelines/local norms including selection of plant species with consultation with the Local Landscape consultant.</p> <p>Trees on site: about 2917 trees are planted.</p>



XIV	Disposal of muck during construction phase should not create adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	During construction phase excavated material and construction waste was stored within project premises and used for leveling within project site. It was not sent outside the project premise.
XV	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	There is no use of ground water envisaged in the project area. Therefore, this condition is not applicable to the project. Soil Monitoring reports are attached as <b>Annexure 2.6.</b>
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.	We are not using any bituminous material/ hazardous material of any type at the site.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste was generated during construction phase hence not applicable.  Spent oil generated from DG set is handed over DG set vendor during operation & maintenance of DG set.
XVIII	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.	We have used low sulphur diesel type DG Sets during construction phase.  We have installed 49 No. of 2250 KVA and 3 No of 3000 kVA DG set during operation phase. Acoustic enclosures have been provided for the DG set. Emission monitoring report is attached as <b>Annexure 2.2.</b>
XIX	The diesel required for operating DG sets shall be	DG sets are used only during power failure.

	<p>stored in underground tanks and if required, clearance from concern authority shall be taken.</p>	<p>Diesel is procured as and when required from nearby authorized dealer.</p> <p>Required diesel to run DG set is stored in HSD tank.</p> <p>We have PESO approval certificate for the same &amp; which is attached as <b>Annexure 3</b>.</p>
XX	<p>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 and should be operated only during non peak hours.</p>	<p>Vehicles operated during non-peak hours. Standard of construction vehicles was checked regularly including PUC certificate.</p>
XXI	<p>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.</p>	<p>Ambient air and noise Monitoring report enclosed. <b>Annexure 2.1</b> respectively.</p> <p>As per the monitoring data noise levels found to be within prescribed standards.</p>
XXII	<p>Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th-August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).</p>	<p>Yes, we used fly ash for building material in the construction as per provision of Fly Ash Notification of September 1999 and amended as on 25th January, 2016.</p>

XXIII	Ready mixed concrete must be used in building construction	We used ready mixed concrete during construction phase.
XXIV	The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipments etc. as per National Building Code including measures from lighting.	Agreed.
XXV	Storm water control and its re-use as per CGWB and BIS standards for various applications.	We have provided rain water harvesting pits and Rain water harvesting tanks (capacity 2 Lac liter) for part project.
XXVI	Water demand during construction should be reduced by use of pre-mixed concrete. curing agents and other best practices referred.	We have used pre mixed concrete during construction phase.
XXVII	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	We are not using ground water and there is no bore well located within project premise. However one open well present at site which is not in use & not approachable for sampling of water for analysis. Hence ground water monitoring not conducted.
XXVIII	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/reused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated effluent shall	1 no. of STPs of 500KLD have been installed for the treatment of sewage.  STP Inlet & outlet sample analysis report enclosed as <b>Annexure 2.4 &amp;2.5.</b>

	conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	
XXIX	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB	We have obtained Consent to Operate from MPCB Consent No. Format1.0/BO/JD (WPC)/UAN-092271/CO/CC-2011000982 dated 13.11.2020. valid up to 31.10.2023.
XXX	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	Noted. We are not drawing any ground water. Permission will be obtained before doing so.
XXXI	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	During operation phase 100% waste water have been treated in STPs. And treated water is recycled for gardening & flushing.  We have provided dual plumbing line for separation of grey and black water.
XXXII	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.	Low flow fixtures used for toilet flushing and drinking in operation phase.
XXXIII	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	During construction phase temporary labour hutments are provided. Use of glass will be limited up to 40% in completed buildings.
XXXIV	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal	At present no construction work is going on but we used appropriate thermal insulation material for proposed buildings by using appropriate thermal insulation material to fulfill Energy Conservation Building Code requirement.

	insulation material to fulfil requirement	
XXXV	<p>Energy conservation measures like installation of CFL /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.</p>	<p>Energy conservation measures like:</p> <ul style="list-style-type: none"> <li>• Solar PV Panels are provided.</li> <li>• Exterior lighting to be controlled by photo sensor or time switch</li> <li>• Solar water heating for minimum 20 % design capacity</li> <li>• Using T5 fixture with electronic ballast against T8. FTL fixtures with electromagnet ballast all building.</li> </ul>
XXXVI	<p>Diesel power generating sets proposed as source 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 DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with</p>	<p>DG set are with acoustic canopy &amp; confirming the rules made under the Environment (Protection) Act 1986.</p> <p>49 x 2250 KVA and 3000 kVA DG sets are provided on site, and stack height is be kept as per CPCB norms.</p>

	Maharashtra Pollution Control Board.	
XXXVII	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	No noise generating work was carried out during night time. Noise Monitoring report is enclosed <b>Annexure 2.3</b> .
XXXVIII	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.	There is already internal parking so, that there is no use of public space.
XXXIX	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement	We have provided appropriate thermal insulation for buildings.
XL	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation	We have maintained Sufficient distance between two buildings which facilitate movement of fresh air, light & ventilation.
XLI	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.	Construction work was supervised by Project Engineer and qualified supervisors.

XLII	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.	<ul style="list-style-type: none"> <li>• Expansion in Environment clearance vide EC identification No.-EC22B039MH147777 File No. SIA/MH/MIS/284432/2022 Dated 07/12/2022</li> <li>• Environmental clearance obtained vide letter No. SEAC-2010/CR.709/TC.2 dated 9<sup>th</sup> June,2011.</li> <li>• Revalidation of EC obtained vide letter no. SEIAA-2018/CR-139Est dated 20.12.2018</li> </ul> <p>Please refer <b>Annexure 1</b></p>
XLIII	Six monthly monitoring reports should be submitted to the Department and MPCB. (xliv) A complete set of all the documents submitted to Department should be forwarded to the MPCB	<p>We are submitting six monthly monitoring reports regularly to the regional office MoEF, Nagpur with copy to MPCB department.</p> <p>We have uploaded EC conditions on Parivesh portal of MoEF&amp; CC</p> <p>Acknowledgment of previously submitted EC compliance (Period January to June 2022) is attached as <b>Annexure 4.</b></p>
XLIV	A complete set of all the documents submitted to Department should be forwarded to the MPCB	We are submitting 6 monthly reports regularly along with necessary documents to RO MoEF&CC, Nagpur and MPCB.
XLV	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	<p>Noted. We have applied for expansion in EC and obtained EC vide EC identification No.-EC22B039MH147777 File No. SIA/MH/MIS/284432/2022 Dated 07/12/2022.</p> <p>However, we have not started construction as per granted EC. We will start construction activity once consent to establish for expansion is obtained from MPCB.</p>
XLVI	No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	Agreed.
XLVII	A separate environment management cell with qualified staff shall be set up for	Environmental Management Cell is supervised by Project Engineer and qualified supervisors.

	implementation of the stipulated environmental safeguards.	
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures	<p>Noted.</p> <p>We are submitting herewith funds allocated for Environmental Management Plan (EMP).</p> <p>During operational Phase:  Total set up Cost: 1860.5 Lakhs  O &amp; M cost: 46.50 Lakhs</p>
XLIX	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 <a href="http://envis.maharashtra.gov.in">http://envis.maharashtra.gov.in</a> .	<p>Advertisement was not published in Newspaper erroneously.</p> <p>We herewith assure that we will publish advertisement in newspaper for proposed expansion in EC.</p>
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1 <sup>st</sup> June & 1 <sup>st</sup> December of each calendar year,	We are submitting 6 monthly reports regularly along with necessary documents to RO MoEF, Nagpur and MPCB.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO,	We have uploaded the EC and Compliance report on website at <a href="https://dev.tatacommunications.com/about/sustainability">https://dev.tatacommunications.com/about/sustainability</a> .



	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.	The screenshot of the website showing uploaded EC letter and EC compliance report is attached as <b>Annexure 5</b> .
LII	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, SO <sub>2</sub> , NO <sub>x</sub> (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.	Noted.
LIII	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.	Yes, we regularly submit 6 monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data to Regional Office of MoEF the respective Zonal Office of CPCB and the SPCB.
LIV	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by	Noted. We are submitting environmental statement report to MPCB for each financial year. We have submitted an environment statement having UAN no. MPCB-

	<p>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.</p>	<p>ENVIRONMENT_STATEMENT-0000041911 dated 14/05/2022.</p>
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## PART D – ANNEXURES

### Annexure 1 Copy of Environmental Clearance Letter

**Environment Clearance Letter: Revalidated EC letter no. SEIAA-2018/CR-139Est dated  
20.12.2018**

**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

SEIAA-2018/CR-139Est  
Environment Department  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya,  
Mumbai- 400032.  
Date: 20.12.2018

To,  
M/s Tata Communications Limited,  
VSB, Mahatma Gandhi Road, Fort,  
Mumbai - 400 001.

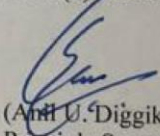
Sub : Revalidation of EC granted to M/s Tata Communications for Tata Communications  
IDC Complex at Pune-Alandi Road, Haveli, Pune

Ref : 1. Your application received for revalidation vide letter dt.31.07.2018.  
2. Minutes of 139<sup>th</sup> meeting of SEIAA dated 28.09.2018.  
3. Earlier EC no SEAC-2010/CR.709/TC.2 dated 9th June, 2011

Sir,

With reference to above subject matter, it is noted that, you have received Environment Clearance vide above ref. (3). Your proposal for revalidation was considered in 139<sup>th</sup> meeting of SEIAA dated 28.09.2018 and as per decision taken in the meeting, the environment clearance granted vide above ref.(3) is revalidated for a period up to 07.06.2025.

The terms and conditions stipulated in the EC letter vide above ref.(3) will remain same.

  
(Anil U. Diggikar)  
Principle Secretary  
& Member Secretary, SEIAA

**Environment Clearance Letter: Environmental Clearance Vide Letter No. SEAC-  
2010/CR.709/TC.2 dated 9<sup>th</sup> June, 2011**

**Government of Maharashtra**

**FileNo.:SEAC-2010/CR.709/TC.2**

Environment department,

Room No. 217, 2<sup>nd</sup> floor,

Mantralaya Annexe,

Mumbai 400 032

Date: 9<sup>th</sup> June, 2011

To,  
M/s. TATA Communications Ltd.  
Plot C 21 & C36, 'G' Block,  
Bandra Kurla Complex,  
Vidynagari PO, Mumbai - 400 098

**Subject: Expansion of TATA Communications IDC (Internet Data Centre) Complex at  
Dighi Pune by M/s. TATA Communications Ltd. - Environmental clearance  
regarding.**

Sir,

This has reference to your communication dated 31<sup>st</sup> May, 2010 on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 35<sup>th</sup> meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 35<sup>th</sup> meeting held on 11<sup>th</sup> March, 2011.

2. It is noted that the proposal is for grant of Environmental Clearance for Expansion of TATA Communications IDC (Internet Data Centre) Complex at Dighi Pune by M/s. TATA Communications Ltd. SEAC considered the project under screening category is 8(b) as per EIA Notification 2006.

Project proponent got Environmental Clearance on 16<sup>th</sup> March, 2009 from MOEF; but now as there is expansion in the proposal, project proponent applied for Environmental Clearance.

**Brief Information of the project is summarized as below-**

<b>Name of the Project</b>	Expansion of TATA Communications IDC Complex
<b>Project Proponent</b>	M/s. TATA Communications Ltd.
<b>Location of the project</b>	at Dighi, Pune
<b>Type of Project</b>	Construction Project
<b>Total Plot Area</b>	10,03,612.60 sq. m.
<b>Proposed Total built up area</b>	As per FSI : 4,53,185.6 Sq. m. Non FSI : 1,04,232.7 sq.m. Total construction area : 5,57,418.3 sq. m.
<b>Estimated cost of the project</b>	₹ 370 Cr

-1-



<b>Buildings details</b>	30 nos. of building : commercial buildings , offices, IDC block, GMBA Block, Training facility, HVAC Room, DG room, power substation , network area, club, cafeteria, kitchen. MLCP's
<b>Max. Height of the building</b>	22 m

**Water Requirement:**

**Water Requirement:**

**Phase I :** 362 m<sup>3</sup>/day

Fresh water: 69 m<sup>3</sup>/day from MIDC

Recycled water: 133 m<sup>3</sup>/day

**Phase II :** 1193 m<sup>3</sup>/day

Fresh water: 371 m<sup>3</sup>/day from MIDC

Recycled water : 714 m<sup>3</sup>/day

**Wastewater generated:** 891 m<sup>3</sup>/day

The entire waste water generated from the project will be treated through proposed STP

**Capacity of STP:** 900 CMD; Zero discharge

Treated water will be used for flushing, gardening and HVAC make up.

**Solid Waste Generation:**

**Operation Phase:**

- Wet waste – 2 T/day
- Dry waste – 4.1 T/day
- STP sludge: 0.07 T/day

**Disposal:**

- Segregation of dry and wet garbage will be done at source
- Dry garbage as inert/recyclable waste such as plastics, glass, metals, rubber will be deposited at landfill site.
- Wet garbage/biodegradable waste will be composted .
- E-waste will be disposed as per e-waste management .
- STP sludge will be used as manure.

**Rain water Harvesting:**

- Rainwater will be stored in tanks.
- Excess storm water will be send into storm water drains.

**Energy:** 40 MVA

DG Set: 3 X 3 MVA and 5 x 9 MVA

**Energy Conservation:**

- Maximize the use of natural lighting through architectural design.
- The building will be designed in such a way that the public areas can be cooled by natural ventilation.
- Use of CFL.
- Constant monitoring of energy consumption and defining targets for energy conservation.
- Switching off common area/external lighting.
- Passive solar design refers to the use of the suns energy for the heating and cooling of living spaces.

**Green Belt Development:** 57,500 Sq. m.; Trees to be planted: 4000 trees + existing: 430 nos.

**Traffic Management:** Multi Level Car Parking facility will be proposed for 4000 Cars.



**Environment Management Plan:** Capital cost: ₹ 1860.5 lakhs ; O & M cost: ₹ 46.50 lakhs.

3. The proposal has been considered by SEIAA in its 35<sup>th</sup> meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :-

- (i) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with request to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (ii) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
- (iii) The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
- (iv) "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.
- (v) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- (vi) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.
- (vii) 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.
- (viii) 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
- (ix) Wet garbage should be treated by composting method and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
- (x) Arrangement shall be made that waste water and storm water do not get mixed.
- (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 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.
- (xiii) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xiv) 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.

- (xv) 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.
- (xvi) Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
- (xvii) Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- (xviii) 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.
- (xix) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
- (xx) 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 and should be operated only during non-peak hours.
- (xxi) 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.
- (xxii) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
- (xxiii) Ready mixed concrete must be used in building construction.
- (xxiv) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
- (xxv) Storm water control and its re-use as per CGWB and BIS standards for various applications.
- (xxvi) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xxvii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- (xxviii) 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.
- (xxix) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (xxx) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.
- (xxxi) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.





- (xxxii) 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.
- (xxxiii) Use of glass may be reduced up to 40% to reduce the electricity consumption and load on airconditioning. If necessary, use high quality double glass with special reflective coating in windows.
- (xxxiv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement
- (xxxv) Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non conventional energy source as source of energy.
- (xxxvi) Diesel power generating sets proposed as source of back up 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 DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- (xxxvii) 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.
- (xxxviii) 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.
- (xxxix) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement
- (xl) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation
- (xli) 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.
- (xlii) 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.
- (xliii) Six monthly monitoring reports should be submitted to the Department and MPCB.
- (xliv) A complete set of all the documents submitted to Department should be forwarded to the MPCB
- (xlv) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- (xlvi) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
- (xlvii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xlviii) 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 and year-wise expenditure should reported to the MPCB & this department.

- (xlix) 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://envis.maharashtra.gov.in>.

- (i) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1<sup>st</sup> June & 1<sup>st</sup> December of each calendar year.

- (ii) 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.

- (iii) 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, SO<sub>2</sub>, NO<sub>x</sub> (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.

- (iiii) 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.

- (liv) The environmental statement for each financial year ending 31<sup>st</sup> 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.

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 environmental clearance is issued as per EIA Notification, 2006. If any part of the plot is affected by CRZ then project proponent should obtain NOC from MCZMA as per FSI applicability. If there is change in building plan accordingly, project proponent should approach SEIAA with corrected plans.

6. 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.



7. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
8. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years.
9. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
10. 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.
11. Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environmental Appellate Act, 1997.



(Valsa R Nair Singh)  
Secretary, Environment  
department & MS. SEIAA

**Copy to:**

1. Shri. Ashok Basak, IAS (Retd.), Chairman, SEIAA, 502, Charleville, 'A' Road, Church gate, Mumbai- 400 020, Maharashtra.
2. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEAC, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerala.
3. Additional Secretary, MOEF, 'Paryavaran Bhawan' CGO Complex, Lodhi Road, New Delhi - 110510
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016), (MP).
6. Regional Office, MPCB, Pune.
7. Collector, Pune.
8. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

9. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment Department.

10. Select file (TC-3).

## Annexure 2 Monitoring Reports

### Annexure 2.1 Ambient Air Monitoring Report



**EHS MATRIX**  
PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
+91 91585 60571 / +91 95796 84751 / +91 90961 85285  
www.ehsmatrix.co.in | ehsmatrixpune@gmail.com

#### TEST REPORT

Report No:	EHSM/2022/Nov/215	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/11/2022	Sampling duration	1440 Min
Sampling Location	Near GCSC Coral Passage area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	31°C	Wet bulb temperature	28°C
Relative Humidity	72%	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022

#### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	17.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	22.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	64.0	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	26.0	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.40	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	15.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

**Remark-** All above results is within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.

*Aishetty*  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



*Rahul Patil*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

Register Office Address :  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
+91 20 2435 6133  
+91 90961 85285 / +91 91585 60571

Branch Office Address :  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
+91 98343 07334

CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018





# EHS MATRIX

PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
+91 91585 60571 / +91 95796 84751 / +91 90961 85285  
www.ehsmatrix.co.in | ehsmatrixpune@gmail.com

## TEST REPORT

Report No:	EHSM/2022/Nov/214	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/11/2022	Sampling duration	1440 Min
Sampling Location	Near A 10 & A 11 building Passage Area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	31°C	Wet bulb temperature	28°C
Relative Humidity	72%	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	15.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	19.1	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	62.0	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	24.0	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.35	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	20.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 (Part 11)
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

**Remark-** All above results is within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

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+91 98343 07334

CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



# EHS MATRIX

PRIVATE LIMITED

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Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
+91 91585 60571 / +91 95796 84751 / +91 90961 85285  
www.ehsmatrix.co.in ehsmatrixpune@gmail.com


## TEST REPORT

Report No:	EHSM/2022/Nov/211	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/11/2022	Sampling duration	1440 Min
Sampling Location	Near CMB Back side Area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	31°C	Wet bulb temperature	28°C
Relative Humidity	72%	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	14.8	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	17.1	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	66.0	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	28.0	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.57	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	15.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	IS 5182 (Part 11)
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	

Remark- All above results is within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018





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## TEST REPORT

Report No:	EHSM/2022/Nov/212	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/11/2022	Sampling duration	1440 Min
Sampling Location	Near STP Plant Area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	31°C	Wet bulb temperature	28°C
Relative Humidity	72%	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	18.4	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	23.7	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	65.0	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	26.0	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.69	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	25.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

**Remark-** All above results is within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



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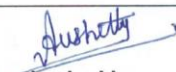
## TEST REPORT

Report No:	EHSM/2022/Nov/213	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/11/2022	Sampling duration	1440 Min
Sampling Location	Near DG Set Area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	31°C	Wet bulb temperature	28°C
Relative Humidity	72%	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022


## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	17.2	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	24.9	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	61.0	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	27.0	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.69	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	25.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

**Remark-** All above results is within National Ambient Air Quality standards.  
BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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**CERTIFICATIONS :**  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018





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## TEST REPORT

Report No:	EHSM/2022/Nov/210	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	10/11/2022	Sampling duration	1440 Min
Sampling Location	Near Main Gate Area	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	31°C	Wet bulb temperature	28°C
Relative Humidity	72%	Sampling done by	EHS Matrix Pvt Ltd, Pune
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO <sub>2</sub> )	16.0	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO <sub>2</sub> )	21.0	µg/m <sup>3</sup>	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM <sub>10</sub>	64.0	µg/m <sup>3</sup>	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM <sub>2.5</sub>	29.0	µg/m <sup>3</sup>	≤ 60	
5	Carbon Monoxide (CO)	0.72	mg/m <sup>3</sup>	≤ 04	
6	Ozone(O <sub>3</sub> )	10.0	µg/m <sup>3</sup>	≤ 180	
7	Lead (Pb)	BDL	µg/m <sup>3</sup>	≤ 01	
8	Arsenic(As)	BDL	ng/m <sup>3</sup>	≤ 06	
9	Nickel(Ni)	BDL	ng/m <sup>3</sup>	≤ 20	
10	Ammonia(NH <sub>3</sub> )	BDL	µg/m <sup>3</sup>	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m <sup>3</sup>	≤ 1.0	
12	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/m <sup>3</sup>	≤ 05	IS 5182 (Part 11)

Remark- All above results is within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018

## Annexure 2.2 DG Set emission monitoring report of 2250KVA DG Set



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### TEST REPORT


Report No:	EHSM/2022/Nov/216	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Source Emission	Sample Description	Stack Material : MS
Date of Sampling	10/11/2022		Stack Height : 30M
Sampling Location	DG Set - I (2250 KVA)		Stack Type : Round
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	413	K		---
2	Differential Pressure	5.7	mm WG		
3	Velocity	9.21	M/s		
4	Dimensions of Stack	0.4	Mtr.		
5	Stack Area	0.1256	M <sup>2</sup>		
6	Gas Volume	3006.04	NM <sup>3</sup> /Hr		
7	Particulate Matter	62.0	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	21.0	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.018	Kg/day	--	
10	Oxides of Nitrogen(NO <sub>2</sub> )	27.0	mg/Nm <sup>3</sup>	NS	
11	NMHC	BDL	PPM	NS	
12	Carbon Monoxide (CO)	0.14	%	NS	

Remark- All above results is well within MPCB Limit.

NS- N.S.: - Not Specified

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018





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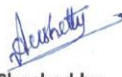
## TEST REPORT

Report No:	EHSM/2022/Nov/217	Issue Date	22/11/2022
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015		
Sample Name	Source Emission	Sample Description	Stack Material : MS Stack Height : 30M Stack Type : Round
Date of Sampling	10/11/2022		
Sampling Location	DG Set -II(2250 KVA)		
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sampling duration	30 Min
Sample Quantity	Thimble 1 Nos and 30 ml Solution	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	15/11/2022	End Date of Analysis	22/11/2022

## Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	433	K		---
2	Differential Pressure	5.9	mm WG		
3	Velocity	9.59	M/s		
4	Dimensions of Stack	0.4	Mtr.		
5	Stack Area	0.1256	M <sup>2</sup>		
6	Gas Volume	2986.86	NM <sup>3</sup> /Hr		
7	Particulate Matter	64.0	mg/Nm <sup>3</sup>	≤ 150	CPCB Guideline on methodologies for source emission monitoring
8	Sulphur Dioxide (SO <sub>2</sub> )	22.0	mg/Nm <sup>3</sup>	--	
9	Sulphur Dioxide (SO <sub>2</sub> )	0.021	Kg/day	--	
10	Oxides of Nitrogen(NO <sub>2</sub> )	25.0	mg/Nm <sup>3</sup>	NS	
11	NMHC	BDL	PPM	NS	
12	Carbon Monoxide (CO)	0.20	%	NS	

- Remark- All above results is well within MPCB Limit.  
➤ NS- N.S.: - Not Specified

  
Checked by  
Miss. Aishwarya Shetty  
(Technical Manager)



  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

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CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018

## Annexure 2.3 Noise Monitoring report



**EHS MATRIX**  
PRIVATE LIMITED

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### TEST REPORT

Report No:	EHSM/2022/Nov/226	Issue Date	22/11/2022		
Name and Address of Customer	M/s. Tata Communications Ltd., Sr.No. 56 & 57, Pune-Alandi Road, Dighi, TAL. Haveli, Dist. Pune 411015				
Sample Name	Noise	Sample Description	Ambient Noise		
Date of Sampling	10/11/2022	Sampling duration	Spot Time		
Sampling done by	EHS Matrix Pvt Ltd, Pune				
Results					
Sr. No.	Locations	Result dB(A) Day	Result dB(A) Night	Specifications (CPCB Standards dB(A))	Method
1.	GCSC building Passage Area	59.2	46.7	75/70	CPCB Guideline
2.	CMB Building back side area	57.1	42.1		
3.	STP plant Area	61.7	52.4		
4.	A-10 & A-11 building passage area	60.8	48.3		
5.	DG Set Area	63.1	53.8		
6.	Main Gate Area	58.4	50.7		
Remark-					
<div>➤ All above Noise level results are within Central Pollution Control Board Standards limit.</div> <div>➤ Day/Night -75/70 dB.</div>					
Industrial Area-75					
Commercial Area-65					
Residential Area-55					
Silence Zone-50					

  
**Checked by**  
**Miss. Aishwarya Shetty**  
(Technical Manager)



  
**Authorized Signatory**  
**Mr. Rahul Patil**  
(Director)

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**CERTIFICATIONS :**  
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ISO 14001 : 2015  
ISO 45001 : 2018

## Annexure 2.4 STP Inlet



**EHS MATRIX**  
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### TEST REPORT

TEST REPORT				
Report No:	EHSM/2022/Dec/R-1093	Issue Date	08/12/2022	
Name and Address of Customer	M/s TATA communications Ltd., Pune Sr. No. 56 & 57, Pune-Alandi Road, Dighi, Tal. Haveli, Dist. Pune 411015			
Sample Name	Waste Water	Sample Description	STP Untreated Water	
Date of Sampling	01/12/2022	Sampling Time	11.30 AM	
Sampling Location	STP (500 KLD)	Sampling Procedure	APHA 1060	
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 L	
Start Date of Analysis	03/12/2022	End Date of Analysis	07/12/2022	
Results				
Sr. No.	Parameters	Results	Unit(s)	Methods
1	pH at 25°C	7.38	--	APHA 4500 H <sup>+</sup> B, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	36.0	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Biochemical Oxygen Demand BOD at 27°C for 3 days	54.0	mg/L	IS 3025 (Part 44)-1993,Rev.1,
4	Chemical Oxygen Demand COD	166.0	mg/L	IS 3025 (Part 58):2006
5	Ammonium Ion (as NH <sub>4</sub> )	18.0	mg/L	APHA 4500 NH <sub>4</sub> , 23 <sup>rd</sup> Ed.2017
6	Ammonia ( as Total Ammonia N)	21.0	mg/L	APHA 4500 NH <sub>4</sub> , 23 <sup>rd</sup> Ed.2017
7	Total Coliform	26.0	MPN/100ml	IS 15185



  
**Authorized Signatory**  
**Mr. Rahul Patil**  
**(Director)**

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

📍 **Register Office Address :**  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
☎ +91 20 2435 6133  
☎ +91 90961 85285 / +91 91585 60571

📍 **Branch Office Address :**  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
☎ +91 98343 07334

**CERTIFICATIONS :**  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



## Annexure 2.5 STP Outlet



**EHS MATRIX**  
PRIVATE LIMITED

📍 Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
☎ +91 91585 60571 / +91 95796 84751 / +91 90961 85285  
🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

### TEST REPORT

TEST REPORT					
Report No:		EHSM/2022/Dec/R-1094		Issue Date	
				08/12/2022	
Name and Address of Customer		M/s TATA communications Ltd., Pune Sr. No. 56 & 57, Pune-Alandi Road, Dighi, Tal. Haveli, Dist. Pune 411015			
Sample Name		Waste Water		Sample Description	
				STP treated Water	
Date of Sampling		01/12/2022		Sampling Time	
				11.20 AM	
Sampling Location		STP (500 KLD)		Sampling Procedure	
				APHA 1060	
Sampling done by		EHS Matrix Pvt Ltd, Pune		Sample Quantity	
				02 L	
Start Date of Analysis		03/12/2022		End Date of Analysis	
				07/12/2022	
Results					
Sr. No.	Parameters	Results	Limits	Unit(s)	Methods
1	pH at 25°C	7.15	6.5-9.0	--	APHA 4500 H <sup>+</sup> B, 23 <sup>rd</sup> Ed.2017
2	Total Suspended Solids TSS	<5.0	20	mg/L	APHA 2540 D, 23 <sup>rd</sup> Ed.2017
3	Biochemical Oxygen Demand BOD at 27°C for 3 days	6.0	10	mg/L	IS 3025 (Part 44)-1993,Rev.1,
4	Chemical Oxygen Demand COD	20.0	50	mg/L	IS 3025 (Part 58):2006
5	Ammonium (as NH <sub>4</sub> N)	2.0	5	mg/L	APHA 4500 NH <sub>4</sub> , 23 <sup>rd</sup> Ed.2017
6	Ammonia ( as Total Ammonia N)	5.0	10	mg/L	APHA 4500 NH <sub>4</sub> , 23 <sup>rd</sup> Ed.2017
7	Fecal Coliform	11.0	100	MPN/100ml	IS 15185
Remark- All Parameters are within MPCB Limits					



  
**Authorized Signatory**  
**Mr. Rahul Patil**  
**(Director)**

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

📍 **Register Office Address :**  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
☎ +91 20 2435 6133  
☎ +91 90961 85285 / +91 91585 60571

📍 **Branch Office Address :**  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
☎ +91 98343 07334

**CERTIFICATIONS :**  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018

## Annexure 2.6 Soil Analysis Report



**EHS MATRIX**  
PRIVATE LIMITED

📍 Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
☎ +91 91585 60571 / +91 95796 84751 / +91 90961 85285  
🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

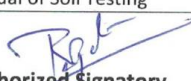
### TEST REPORT

Report No:	EHSM/2022/Dec/R-1092	Issue Date	08/12/2022
Name and Address of Customer	M/s TATA communications Ltd., Pune Sr. No. 56 & 57, Pune-Alandi Road, Dighi, Tal. Haveli, Dist. Pune 411015		
Sample Name	Soil	Sample Description	S2
Date of Sampling	01/12/2022	Sampling Time	11.00 AM
Sampling Location	Within TCL Premises	Sampling Procedure	--
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 Kg
Start Date of Analysis	03/12/2022	End Date of Analysis	07/12/2022

### Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	32	%	
	b) Silt	28	%	
	c) Clay	40	%	
2	pH at 25°C	7.33	--	IS 2720(Part 26) 1987
3	EC at 25°C	260.0	µS/cm	IS 14767 : 2000
4	Moisture Content	6.0	%	Manual Of Soil Testing
5	Organic Matter	1.0	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	-	meq/100g	Manual Of Soil Testing
7	Bulk Density	1.2	g/cm <sup>3</sup>	Manual of Soil; Testing
8	Available Phosphorus	50.0	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	232.0	mg/Kg	Manual Of Soil Testing
10	Water Holding	64.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	50.0	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	44.0	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<1.0	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	<1.0	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	<1.0	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<1.0	mg/kg	Manual Of Soil Testing
17	Iron (as Fe)	365.0	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	144.0	mg/Kg	Manual Of Soil Testing
19	Potassium (as K)	170.0	mg/Kg	Manual of Soil Testing



  
**Authorized Signatory**  
**Mr. Rahul Patil**  
(Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

📍 Register Office Address :  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
☎ +91 20 2435 6133  
☎ +91 90961 85285 / +91 91585 60571

📍 Branch Office Address :  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
☎ +91 98343 07334

**CERTIFICATIONS :**  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



## Annexure 2.7 Drinking Water Analysis Report



**EHS MATRIX**  
PRIVATE LIMITED

📍 Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
☎ +91 91585 60571 / +91 95796 84751 / +91 90961 85285  
🌐 www.ehsmatrix.co.in ✉ ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2022/Dec/R-1091	Issue Date	08/12/2022
Name and Address of Customer	M/s TATA communications Ltd., Pune Sr. No. 56 & 57, Pune-Alandi Road, Dighi, Tal. Haveli, Dist. Pune 411015		
Sample Name	Water	Sample Description	Drinking Water
Date of Sampling	01/12/2022	Sampling Time	12.30 PM
Sampling Location	Within Site UGWT for Occupied Building	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt. Ltd., Pune.	Sample Quantity	02 L
Start Date of Analysis	03/12/2022	End Date of Analysis	07/12/2022

### Results

Sr. No.	Parameters	Results	Unit(s)	Specifications IS10500:2012	Methods
1	Colour	<1	Hazen	Max5	APHA 2120 B, 23 <sup>rd</sup> Ed.2017
2	Turbidity	<1.0	NTU	Max 1	APHA 2130 B, 23 <sup>rd</sup> Ed.2017
3	pH at 25 <sup>0</sup> C	7.2	--	6.5 to 8.5	APHA 4500 H <sup>+</sup> B, 23 <sup>rd</sup> Ed.2017
4	EC at 25 <sup>0</sup> C	110.0	µS/cm	--	APHA 2510 B, 23 <sup>rd</sup> Ed.2017
5	Total Dissolved Solids TDS	64.0	mg/L	Max 500	APHA 2540 C, 23 <sup>rd</sup> Ed.2017
6	Total Hardness (as CaCO <sub>3</sub> )	44.0	mg/L	Max 200	IS 3025 (Part 21)
7	Total Alkalinity (as CaCO <sub>3</sub> )	38.0	mg/L	Max 200	IS 3025 (Part 23)
8	Sulphate (as SO <sub>4</sub> )	6.0	mg/L	Max 200	IS 3025 (Part 24)
9	Chloride ( as Cl)	18.0	mg/L	Max 250	APHA 4500 Cl <sup>-</sup> , 23 <sup>rd</sup> Ed.2017
10	Calcium (as Ca)	9.6	mg/L	Max 75	IS 3025 (Part 40)
11	Magnesium (as Mg)	5.0	mg/L	Max 30	IS 3025 (Part 46)
12	Nitrate( as NO <sub>3</sub> )	<1.0	mg/L	Max 45	APHA 4500 NO <sub>3</sub> , 23 <sup>rd</sup> Ed.2017
13	Fluoride (as F)	<0.1	mg/L	Max 1.0	APHA 4500 F, 23 <sup>rd</sup> Ed.2017
14	Residual Free Chlorine	<0.1	mg/L	Min0.2	APHA 4500 Cl, 23 <sup>rd</sup> Ed.2017
15	Iron (as Fe)	<0.12	mg/L	Max 0.3	APHA 3111, 23 <sup>rd</sup> Ed.2017
16	Total Coliform	Absent	MPN/100ml	<2	IS 15185
17	E. coli	Absent	MPN/100ml	<2	IS 15185

Remark- The above water sample is Comply with required limit as per IS10500:2012.



Authorized Signatory  
**Mr. Rahul Patil**  
(Director)

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Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

📍 Register Office Address :  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
☎ +91 20 2435 6133  
☎ +91 90961 85285 / +91 91585 60571

📍 Branch Office Address :  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
☎ +91 98343 07334

CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018



## Annexure 2.8 OWC Manure Analysis Report



**EHS MATRIX**  
PRIVATE LIMITED

Sr. No.30/7, Office No. 202, 203, Chintamani Industrial Estate,  
Near Dran Company, Dhayari, Pune - 411041, Maharashtra, India.  
+91 91585 60571 / +91 95796 84751 / +91 90961 85285  
www.ehsmatrix.co.in ehsmatrixpune@gmail.com

### TEST REPORT

Report No:	EHSM/2022/Dec/R-1095	Issue Date	08/12/2022
Name and Address of Customer	M/s TATA communications Ltd., Pune Sr. No. 56 & 57, Pune-Alandi Road, Dighi, Tal. Haveli, Dist. Pune 411015		
Sample Name	Solid	Sample Description	OWC Manure
Date of Sampling	01/12/2022	Sampling Time	12.30 PM
Sampling Location	Within site	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt Ltd, Pune	Sample Quantity	02 Kg
Start Date of Analysis	03/12/2022	End Date of Analysis	07/12/2022

### Results

Sr. No.	Parameters	Results	FCO limits	Unit(s)	Methods
1	pH (10 % Solution)	7.2	6.5-7.5	--	IS 2720 (Part 26)
2	Moisture	12.0	≤ 25	%	IS 2720 (Part 2)
3	Colour	Blackish Brown	Dark Brown to Black	--	FCO
4	Odour	Absence of foul smell	Absence of foul smell	--	
5	Bulk Density	0.42	≤ 1.0	gm/c	IS 2720 (Part 8)-1983
6	Total Organic Carbon	26.0	≥ 14	%	(FCO) Fertilizer Control Order 1985
7	Total Nitrogen as N	4.8	≥ 0.8	%	
8	Total Phosphate as P <sub>2</sub> O <sub>5</sub>	0.90	≥ 0.4	%	
9	Potash, as K <sub>2</sub> O	0.52	≥ 0.4	%	
10	C:N Ratio	16.0	≤ 20:1	--	
11	Particle Size	84 %	Min 90% material pass through 4.0 mm IS sieve	%	

Remark- All Above Results is within FCO Limits.



*Rahul Patil*  
Authorized Signatory  
Mr. Rahul Patil  
(Director)

Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.  
S.O. 3511 (E), Dated 24<sup>th</sup> August 2021 valid till 9<sup>th</sup> September 2023.

Register Office Address :  
C-7, Omkar Kudale Patil Estate, Manik  
Baugh, Sinhgad Road, Pune - 411051.  
+91 20 2435 6133  
+91 90961 85285 / +91 91585 60571

Branch Office Address :  
F-01, Shakuntala Complex,  
Rajarampuri, 4th Lane,  
Kolhapur - 416008.  
+91 98343 07334

CERTIFICATIONS :  
ISO 9001 : 2015  
ISO 14001 : 2015  
ISO 45001 : 2018

# Annexure 3 PESO Certificate

Page 1 of



भारत सरकार  
Government of India  
वाणिज्य और उद्योग मंत्रालय  
Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)  
Petroleum & Explosives Safety Organisation (PESO)  
ए-1 और ए-2 विंग, पोस्टा सड़, केंद्रीय कार्यालय परिसर, सी.बी.डी. बेलपुर  
नवी मुंबई (महाराष्ट्र) - 400614  
A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),  
Mumbai - 400614

E-mail : [jtcemumbai@explosives.gov.in](mailto:jtcemumbai@explosives.gov.in)

Phone/Fax No : 022 - 27575946, 27573581

संख्या /No. : PWC/MH/15/2178 (P231974)

दिनांक /Dated : 26/03/2019

सेवा में /To,

TATA COMMUNICATIONS LTD,  
VSB MAHATMA GANDHI ROAD,  
FORT,  
Mumbai,  
Mumbai,  
Taluka: Mumbai,  
District: MUMBAI,  
State: Maharashtra  
PIN: 400001

Repd

विषय /Sub Plot No, S.No.- 56,57, PUNE- ALANDI ROAD, AT - DIGHI, District: PUNE, State: Maharashtra, PIN: 999999 में स्थित पेट्रोलियम वर्ग B अधिष्ठापन  
- पेट्रोलियम नियम 2002 के अंतर्गत प्ररूप XV में जारी अनुज्ञप्ति सं PWC/MH/15/2178 (P231974) - संशोधन के संदर्भ में ।  
Existing Petroleum Class B Installation at Plot No, S.No.- 56,57, PUNE- ALANDI ROAD, AT - DIGHI, District: PUNE, State: Maharashtra, PIN: 999999- Licence No. PWC/MH/15/2178 (P231974) - granted in form XV under Petroleum Rules 2002 - Amendment regarding

संदर्भ /Ref (s).

कृपया आपके उपर्युक्त विषय से संबंधित पत्र संख्या - दिनांक 01/02/2019 का संदर्भ ग्रहण करें ।  
Reference to your letter No. - dated 01/02/2019 on the above subject.

दिनांक 31/12/2026 तक वैध अनुज्ञप्ति संख्या PWC/MH/15/2178 (P231974) दिनांक 26/03/2019 निम्नलिखित वर्ग एवं मात्राओं में पेट्रोलियम भंडारण के लिए यथा संशोधित कर इस पत्र के साथ लौटाई जा रही है ।

Licence No. PWC/MH/15/2178 (P231974) dated 26/03/2019 valid upto 31/12/2026 is returned herewith duly amended with respect to Capacity Amendment.

पेट्रोलियम का विवरण /Description of Petroleum	किसी/सीटों में अनुज्ञप्ति क्षमता /Quantity licenced in KL
वर्ग A प्रपुंज पेट्रोलियम /Petroleum Class A, in bulk	NIL
वर्ग A प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग B प्रपुंज पेट्रोलियम /Petroleum Class B, in bulk	110.00 KL
वर्ग B प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग C प्रपुंज पेट्रोलियम /Petroleum Class C, in bulk	NIL
वर्ग C प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total	110.00 KL

कृपया पावती दें।

Please acknowledge the receipt.

Note : Your Balance Amount with the Organisation is Rs. 3,00,000/- which will be used for processing of the same Licence in future

भवदीय /Yours faithfully

(ए. के. श्रीवास्तव)  
(A.K. Srivastava)  
विस्फोटक नियंत्रक  
Controller of Explosives  
कुल संचालन मुख्य विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
नवी मुंबई (महाराष्ट्र)/Mumbai

Copy forwarded to :-

1. The Commissioner of Police, Pune, PUNE (Maharashtra) with reference to his NOC No Nil Dated 29/09/2009

For Jt. Chief Controller of Explosives  
Mumbai

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट - <http://peso.gov.in> देखें)  
(For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)



भारत सरकार  
Government of India  
वाणिज्य और उद्योग मंत्रालय  
Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)  
Petroleum & Explosives Safety Organisation (PESO)  
ए-1 और ए-2 विंग, पोचपा तल्लू, केंद्रीय कार्यालय परिसर, सी.बी.डी. बंगलापुर  
नवी मुंबई (महाराष्ट्र) - 400614  
A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belpapur, Navi Mumbai (M.S.),  
Mumbai - 400614

E-mail : jccmumbai@explosives.gov.in  
Phone/Fax No : 022 - 27575946, 27573881

संख्या /No. : PWC/MH/15/2393 (P456256)

दिनांक /Dated : 29/07/2020

सेवा में /To,

M/s. STT Global Data Centres India Pvt Ltd,  
C/o M/s Tata Communications Ltd., Sy. No. 58 & 57, Jade Building, Pune-Alandi Road, Tal- Havelli,  
Dighi,  
Havelli,  
Taluka: Havelli,  
District: PUNE,  
State: Maharashtra  
PIN: 411015

विषय /Sub : Plot No. 56+57, Alandi Road, Dighi, District- 411015, Dighi, Havelli, Taluka: Havelli, District: PUNE, State: Maharashtra, PIN: 411015 में पेट्रोलियम वर्ग B का अधिष्ठापन - अनुमति जारी करने के बारे में ।  
Petroleum Class B Installation at Plot No. 56+57, Alandi Road, Dighi, District- 411015, Dighi, Havelli, Taluka: Havelli, District: PUNE, State: Maharashtra, PIN: 411015 Grant of License regarding.

महोदय /Sir  
(s).

कृपया आपके पत्र क्रमांक - दिनांक 19/06/2020 का अवलोकन करें ।  
Please refer to your letter No. - dated 19/06/2020

विषयानुसार अधिष्ठापन में निम्नलिखित पेट्रोलियम पदार्थों के वर्ग तथा मात्रा के भंडारण के लिए पेट्रोलियम नियम, 2002 के अधीन प्रारूप - XV में स्वीकृत. दिनांक 31/12/2028 तक वैध अनुमति संख्या PWC/MH/15/2393 (P456256) दिनांक 29/07/2020 भेजी जा रही है ।  
Licence No. PWC/MH/15/2393 (P456256) dated 29/07/2020 granted in Form XV under the Petroleum Rules, 2002 and valid till 31/12/2028 for the storage of the following kinds and quantities of Petroleum at the subject installation is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुमति क्षमता /Quantity licenced in KL
वर्ग A पंपुज पेट्रोलियम /Petroleum Class A In bulk	NIL
वर्ग A पंपुज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग B पंपुज पेट्रोलियम /Petroleum Class B In bulk	316.00 KL
वर्ग B पंपुज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग C पंपुज पेट्रोलियम /Petroleum Class C In bulk	NIL
वर्ग C पंपुज पेट्रोलियम से भिन्न /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	316.00 KL

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें और अनुमति के नवीकरण हेतु समस्त दस्तावेजों को अनुमति के वैधता समाप्ति की तारीख या उससे पूर्व इस कार्यालय को प्रेषित करें ।  
Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for further renewal of the licence to this office, so as to reach on or before the date on which licence expires.

यह अनुमति/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/वैधता प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है ।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

(**डॉ. विवेक कुमार**)  
(Dr Vivek Kumar)  
विस्फोटक नियंत्रक  
Controller of Explosives  
मुख्य नियंत्रक विस्फोटक नियंत्रक  
For Jt. Chief Controller of Explosives  
नवी मुंबई (महाराष्ट्र) Mumbai

Copy forwarded to :-

1. The Commissioner of Police, PUNE(Maharashtra) with reference to his NOC No Licence Br./Petroleum class-B/F.NOC/2020/2655 Dated 18/06/2020

For Jt. Chief Controller of Explosives  
Mumbai

(अधिक जानकारी के लिए आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट <http://peso.gov.in> देखें)  
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

**Note:-This is system generated document does not require signature.**

Print Back



भारत सरकार  
Government of India  
वाणिज्य और उद्योग मंत्रालय  
Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)  
Petroleum & Explosives Safety Organisation (PESO)  
ए-1 और ए-2 विंग, पाँचवा तल, केंद्रीय कार्यालय परिसर, सी.बी.डी. बेलापुर  
नवी मुंबई (महा.)- 400614  
A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),  
Mumbai - 400614

E-mail : [jtcemumbai@explosives.gov.in](mailto:jtcemumbai@explosives.gov.in)

Phone/Fax No : 022 - 27575946, 27573881

संख्या /No. : P/WC/MH/15/2413 (P467486)

दिनांक /Dated : 05/05/2021

सेवा में  
/To,

M/s. STT Global Data Centres India Pvt. Limited,  
C/o. M/s Tata Communications Ltd.,  
Sy.no.56 & 57, Jade Building, Pune - Alandi Road,,  
Taluka: Haveli,  
District: PUNE,  
State: Maharashtra  
PIN: 411015

विषय Survey No, 56 & 57, Jade BUilding, Pune-Alandi Road, Dighi, Pune City, Taluka: Haveli, District: PUNE,  
/Sub : State: Maharashtra, PIN: 411015 में पेट्रोलियम वर्ग B का अधिष्ठापन -अनुज्ञप्ति जारी करने के बारे में ।

Petroleum Class B Installation at Survey No, 56 & 57, Jade BUilding, Pune-Alandi Road, Dighi, Pune City, Taluka: Haveli, District: PUNE, State: Maharashtra, PIN: 411015 Grant of License regarding.

महोदय  
/Sir(s),

कृपया आपके पत्र क्रमांक OIN770422 दिनांक 24/03/2021 का अवलोकन करें ।

Please refer to your letter No. OIN770422 dated 24/03/2021

विषयान्तर्गत अधिष्ठापन में निम्नलिखित पेट्रोलियम पदार्थों के वर्ग तथा मात्रा के भंडारण के लिए पेट्रोलियम नियम, 2002 के अधीन प्ररूप - XV में स्वीकृत, दिनांक 31/12/2030 तक वैध अनुज्ञप्ति संख्या P/WC/MH/15/2413 (P467486) दिनांक 05/05/2021 भेजी जा रही है ।

Licence No. P/WC/MH/15/2413 (P467486) dated 05/05/2021 granted in Form XV under the Petroleum Rules, 2002 and valid till 31/12/2030 for the storage of the following kinds and quantities of Petroleum at the subject installation is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुज्ञप्त क्षमता /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	316.00 KL
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
	NIL

## Annexure 4 Acknowledgment of Previously Submitted Post EC Compliance Report

7/15/22, 11:24 AM

Roundcube Webmail :: Submission of Post EC Compliance\_Jan 2022 to June 2022\_To MPCB\_Tata Communications Limited\_Pune\_Dighi

Subject **Submission of Post EC Compliance\_Jan 2022 to June 2022\_To MPCB\_Tata Communications Limited\_Pune\_Dighi**

From Basant Tiwari <Basant.Tiwari@tatacommunications.com>

To sropimprichinchwad@mpcb.gov.in <sropimprichinchwad@mpcb.gov.in>

Date 13/07/2022 17:28



- Post EC Compliance Report\_January 2022 to June 2022\_To MPCB.pdf(~7.3 MB)

Respected Sir,

This is with reference to Notification Vide No. S.O. 5845 (E) dated 26.11.18 & EIA Notification 2006 regarding submission of half yearly compliance report submission.

We TATA Communications Ltd for our Construction Project at Dighi, Pune hereby submits six monthly compliance report, which include current status of project, data sheet, point wise compliance status to various stipulation laid down in its clearance letter Vide No. SEAC-2010/CR.709/TC.2 dated 9th June, 2011 & EC revalidation in 2018 along with the necessary enclosure and annexure for period January 2022 to June 2022.

Kindly note that we have uploaded EC condition on Parivesh portal account also.

Kindly acknowledge the same.

Thanking you,  
For TATA Communications Ltd

Regards,  
Basant Tiwari  
Sr. manager  
Mob-9713018846

**Tata Communications Limited**  
Ruby, A-4, , Pune-Alandi Road,  
Dighi, Pune-411015,  
Cell-7058889054 / 8380029054

7/15/22, 11:27 AM

Roundcube Webmail :: Submission of Post EC Compliance\_Jan 2022 to June 2022\_To MoEF\_Tata Communications Limited\_Pune Dighi

Subject **Submission of Post EC Compliance\_Jan 2022 to June 2022\_To MoEF\_Tata Communications Limited\_Pune Dighi**

From Basant Tiwari <Basant.Tiwari@tatacommunications.com>

To ecompliance-mh@gov.in <ecompliance-mh@gov.in>

Date 13/07/2022 17:26



- Post EC Compliance Report\_January 2022 to June 2022\_To MoEF.pdf(~7.3 MB)

Respected Sir,

This is with reference to Notification Vide No. S.O. 5845 (E) dated 26.11.18 & EIA Notification 2006 regarding submission of half yearly compliance report submission.

We TATA Communications Ltd for our Construction Project at Dighi, Pune hereby submits six monthly compliance report, which include current status of project, data sheet, point wise compliance status to various stipulation laid down in its clearance letter Vide No. SEAC-2010/CR.709/TC.2 dated 9th June, 2011 & EC revalidation in 2018 along with the necessary enclosure and annexure for period January 2022 to June 2022.

Kindly note that we have uploaded EC condition on Parivesh portal account also.

This is for your kind consideration and records.

Kindly acknowledge the same.

Thanking you,  
For TATA Communications Ltd

Regards,  
Basant Tiwari  
Sr. manager  
Mob-9713018846

**Tata Communications Limited**  
Ruby, A-4, , Pune-Alandi Road,  
Dighi, Pune-411015,  
Cell-7058889054 / 8380029054


-



← → ↻


parivesh.nic.in/UserAccount/EC\_condition\_upload.aspx

☆



PARIVESH  
परिवेश

Ministry of Environment, Forest and Climate Change  
Government of India



"Pro Active and Responsive facilitation by Interactive, Virtuous and Environmental Singlewindow Hub"

rahul.dane@tatacommunications.com

Upload Compliance

E-KYC

EC Condition Upload

Raise Complaint

My Proposal(s)

Dashboard

Approvals

My Account

Logout

List of EC Granted Proposals for uploading condition

ID	Proposal_no	Type Of Proposal	Type of Application	Project Details	Edit EC Condition	View EC Condition	Status
1	SEIAA-2018/CR-139Est	EC	Category B	File Name : SEIAA-2018/CR-139Est Project Name : Expansion of TATA Communications IDC (Internet Data Centre) Complex State Name : Maharashtra	Edit Condition Uploaded	View Condition Uploaded Report	Submitted

Add EC Granted Proposal which are not available in above table

+ Add

## Annexure 5: Screenshot of Website showing uploaded EC Letter & EC Compliance report

