

**Compliance to Stipulated Conditions in
Environment Clearance**

(October 2024 to March 2025)

FOR

“Development of Data Center- PNQ06”

At

**Plot.no. D-I-10-1, MIDC, Pimpri Waghere Tal. Haveli, Dist.
Pune**

By

M/s Pune Data Center Two Limited

For Submission to:

Ministry of Environment, Forest & climate change

(MoEF&CC)

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PART A DATA SHEET

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)		:	8(a) B2 Building and Construction projects
2.	Name of the project		:	Development of Data Center – PNQ06 by M/s Pune Data center Two Limited
3.	Clearance letter (s) / OM No. and Date		:	EC transfer letter vide No. SIA/MH/INFRA2/481003/2024 dated 13/06/2024 Environment clearance vide EC identification No.- EC23B038MH110896 File No. SIA/MH/MIS/270299/2022 Dated 26/05/2023 Applied for a Corrigendum in EC Proposal No. SIA/MH/INFRA2/517690/2025 dated 08/01/2025.
4.	Location		:	
	a.	District (S)	:	Pune
	b.	State (s)	:	Maharashtra
	c.	Latitude/ Longitude	:	Latitude:18°38'48.15", Longitude73°48'26.16"
5.	Address for correspondence		:	
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers)	:	M/s Pune Data center Two Limited Plot No. D-I-10-1, MIDC, Pimpri Waghare, D-1, Haveli, Pune.
	b.	Address of Project: Engineer/Manager (with pin code/ Fax numbers)	:	M/s Pune Data center Two Limited Plot No. D-I-10-1, MIDC, Pimpri Waghare, D-1, Haveli, Pune.
6.	Salient features		:	
	a.	of the project	:	Environment Clearance for Development of Data Center – PNQ06 by, M/s Pune Data Center Two Limited
	b.	of the environmental management plans	:	1. Sewage treatment Plant: 1 No of STP of

				capacity 10 KLD is proposed at site. 2. Rain water harvesting: Rain water will be recharged through 17 no. of recharge pits for harvesting & 2 No. of RWH tank will be provide. Solid Waste Management a) Biodegradable waste will be treated in OWC b) Dry waste will be collected by Authorized vendor c) E-waste will be collected by Authorized dealer d) Hazardous waste (DG lube oil) will be handed over to an Authorized dealer e) STP sludge will be used as manure.
7.	Breakup of the project area		:	
	a.	Submergence area forest & non-forest	:	Project is located in non-forest area
	b.	Others	:	Total Plot Area (sq. m)- 1,01,181.67 Net Plot Area (sq. m)- 89735.35 Proposed FSI Area (sq. m)- 73,616.6 Non FSI Area (sq. m)- 9,210.13 Total BUA area (sq. m.): 82,826.8
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	:	Not Applicable

		out give details and years of survey)		
9.	Financial details		:	
	a.	Project cost as originally planned and subsequent revised estimates and the year of price reference:		
	1.	Estimated Cost of the Project	:	Rs. 5227.84 Crores (As per EC dated 2023)
	b.	Allocation made for environ-mental management plans with item wise and year wise Break-up.	:	Cost earmarked for (Environmental Management Plan (EMP) will be, During Construction phase: Total Cost: 1.96 Cr/Annum O & M cost:30 Lakhs/Annum During operational Phase: Total set up Cost: 9.24 Cr/Annum O & M cost: 17 lacs/annum 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	:	746 Cr.
	f.	Actual expenditure incurred on the environmental management plans so far		5,00,000 for solid waste disposal & 2,00,000 for Env. monitoring
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 March 2025
1				DC Building -1	- DC Building: Core and shell completed, and MEP work in progress - MV and GIS Core and shell completed - MEP work in progress	
2				DC Building -2		
	a.	Date of commencement (Actual and/or planned)	:	22/06/2022		
	b.	Date of completion (Actual and/or planned)	:	-		
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	:	RO not visited site		
	b.	Date of site visit for this monitoring report	:	Not Applicable		
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
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CURRENT STATUS OF WORK

Sr. No.	No. of Buildings	Configuration	Status as on March 2025	Status of the Environmental Management Facilities (Provision of STP, OWC, DG set, Energy saving Measures)
1	DC Building -1	G+ 4 Floors	• DC Building: Core and shell completed, and MEP work in progress	• STP work is currently in progress • Green belt is not developed yet • OWC work is currently in progress • RWH pits Not yet Provided
2	DC Building -2	G+ 4 Floors	• MV and GIS Core and shell completed • MEP work in progress	

ENVIRONMENT CLEARANCE COMPLIANCE REPORT

Point wise compliance to various stipulations laid down by the MoEF&CC in Environment Clearance Letter vide No. SIA/MH/MIS/270299/2022 dated 26/05/2023 and EC transfer letter vide No. SIA/MH/INFRA2/481003/2024 dated 13/06/2024 are as follows:

SPECIFIC CONDITIONS:		
A. SEAC Conditions		
1.	PP to Implement the mitigation measures proposed to reduce carbon footprint.	Noted.
2.	PP to Submit the Petroleum and Explosive Safety Organization (PESO) certificate.	We have obtained PESO certificate vide no. A/P/WC/MH/15/3456 (P547448) dated 13/02/2023
3.	PP stated that, the project is data center project & the population expected is very few considering this PP stated that, they are proposing to electric charging to 20 cars.	Agreed.
4	PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.	As mentioned in above point (SEAC condition 3) project is data center project & the population expected is very few considering this we are proposing electric charging to 20 cars
5	PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker for proposed construction.	The water used for the construction phase will not be drinking water, we are using tanker water for the construction activity.
B. SEIAA Conditions		
1.	PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.	Noted.
2.	PP to achieve at least 5% of total energy requirement from solar/other renewable sources.	Noted.
3.	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt. 04.01.2019.	We comply with the standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt. 04.01.2019.
4.	SEIAA after deliberation decided to grant EC for – FSI-31089.64 m ² , non-FSI-	Noted

	13512.00 m2, Total BUA-44,601.64m2. (Plan approval- BP/Environment/Charholi/03/2021, dated- 26.10.2021).	
GENERAL CONDITIONS:		
a) Construction Phase:		
I	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of the approved sites for land filling after recovering recyclable material.	The solid waste generated at site will be segregated as construction debris and other recoverable material such as steel, plastic, glass wastes etc. The construction waste will be utilized for filling low lying areas at project site only.
II	Disposal of muck, Construction spoils, including bituminous material 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 the approved sites with the approval of competent authority.	Excavated material and construction waste will be used for land & road filling remaining will be handed over to authorized agency/vendor.
III	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Hazardous waste will be handed over to authorized agency.
IV	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Regular supply of Drinking water will be made available at site ➤ Mobile toilets will be provided for construction worker. ➤ Solid waste generated will be collected separately for dry & wet waste and handed over to authorized vendor.
V	Arrangement shall be made that waste water and storm water do not get mixed.	Noted. Wastewater and storm water will do not get mixed
VI	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.	Gunny bags will be wrapped on columns and ponding will be done to reduce water usage while curing. We will use pre-mixed concrete.
VII	The ground water level and its quality	No ground water extraction is carried

	should be monitored regularly in consultation with Ground Water Authority.	out.
VIII	Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.	Noted. We are not drawing any ground water. Permission will be obtained before doing so.
IX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	During construction phase no showers, toilet flushing is being provided. Low flow fixtures will be used for showers, toilet flushing and drinking in operation phase.
X	The Energy Conservation Building code shall be strictly adhered to.	Noted
XI	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	Topsoil is stored & it will be 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.	Additional soil for levelling of the proposed site is not required.
XIII	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil analysis Reports enclosed. Please refer Annexure 2 . We are not using ground water for construction.
XIV	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	No existing trees are present on plot however for proposed trees we will follow all the conditions.
XV	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	We are using low Sulphur diesel type DG set having capacity 250KVA for Construction phase..
XVI	PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.	Agreed.

XVII	Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.	Vehicles will be operated during non-peak hours. Standard of construction vehicles will be checked regularly including PUC certificate.
XVIII	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.	Adequate measures shall be made to reduce ambient air and noise level during construction phase. Air and Noise Monitoring reports are enclosed as an Annexure 2.
XIX	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	Proposed DG set are with acoustic canopy & confirming the rules made under the Environment (Protection) Act 1986. We are using low Sulphur diesel type DG set having capacity 250KVA for Construction phase..
XX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.	Construction work will be supervised by Project Engineer and qualified supervisors.
B) Operation phase:		
I	a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after	The solid waste generated during operation phase is as follows: 1.Dry waste: 12 kg/day will be handed over authorized vendor. 2.Wet waste: 08 kg/day will be treated in OWC. 3. E-waste: 40 kg/month will be handed over to authorized vendor. 4. STP sludge 03 kg/day will be used

	recovering recyclable material.	as manure.
II	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	E-Waste shall be disposed through authorized vendor during operation phase.
III	a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100% treatment to sewage /Liquid waste and explore the possibility to recycle at least 50% of water, Local authority should ensure this.	While taking building wise Consent to Operate we will submit all necessary documents to MPCB.
IV	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.	The STP and MSW facilities will be provided before completion of the project activities. Sewage will be collected in STP through drainage line and treated in STP of 10 m ³ /day. We have taken necessary permission from appropriate authority.
V	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	Noted.
VI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space	We will provide internal parking so, that there will be no use of public space. Parking is proposed as per requirement.

	should be utilized.	
VII	PP to provide adequate electric charging points for electric vehicles (EVs).	Noted
VIII	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Green Belt will be developed by considering CPCB guidelines/local norms including selection of plant species with consultation with the Local Landscape consultant. 1015 Nos. of trees are proposed at site. Total Green belt area: 15499 sq. m
IX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environmental Management Cell is being supervised by Project Engineer and qualified supervisors.
X	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-up. This 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.	Cost earmarked for (Environmental Management Plan (EMP) will be, During Construction phase: Total Cost: 1.96 Cr/Annum O & M cost:30 Lakhs/Annum During operational Phase: Total set up Cost: 9.24 Cr/Annum O & M cost: 17 lacs/annum Lakhs
XI	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://parivesh.nic.in	Noted
XII	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 1st June & 1st December of each calendar year.	Yes, we regularly submitting Post EC compliance report along with necessary documents.
XIII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from	No suggestions/representations were received while processing the proposal from the local NGO. Copy of EC has

	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.	been submitted to local body.
XIV	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 ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The company website link – https://www.adaniconnex.com/about-us
C) General EC Conditions:		
I	PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.	Noted. We shall abide by the condition stipulated by SEAC & SEIAA
II	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	We have Obtained consent to establish having Consent order no. For Format 1.0//UAN No.0000138540/CE/2303001032 dated 16/03/2023
III	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Environmental clearance obtained vide letter No. SIA/MH/MIS/270299/2022 dated 26th May 2023. Please refer Annexure 1.
IV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Yes, we are submitting 6 monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data to Regional Office of MoEF & CC the respective Zonal Office of PCB.
V	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project	We will submit environmental statement as per prescribed condition once the project is operational.

	proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	
VI	No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SELAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted.
VII	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	No Forest or Wildlife clearance is applicable for the project.

PART D : ANNEXURE



File No:SIA/MH/INFRA2/481003/2024

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority(SEIAA),
MAHARASHTRA)



Dated 28/11/2024



To,

Hemant Sonawane

M/s Microsoft Corporation (India) Pvt Ltd

Adani Corporate House, Shantigram, S. G. Highway, Khodiyar, NA, Ahmedabad-382421, Gujarat,

India, AHMADABAD, GUJARAT, 382421

aman.phalake@adani.com

Subject:

Grant of Transfer of Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006 and as amended thereof regarding.

Sir/Madam,

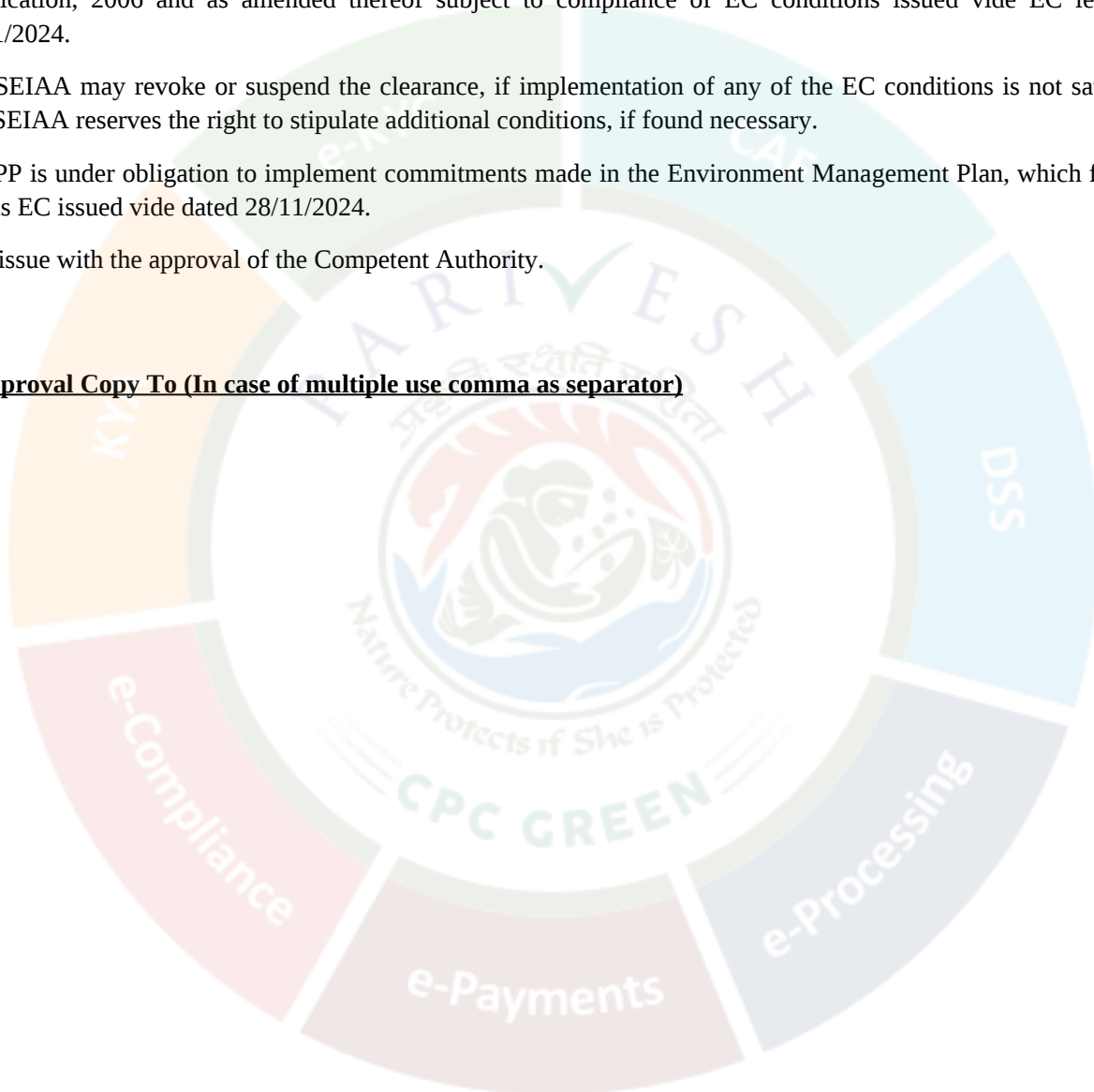
This is in reference to your application submitted to SEIAA vide proposal number SIA/MH/INFRA2/481003/2024 dated 13/06/2024 for grant of transfer of Environmental Clearance (EC) to the project under the provision of para 11 of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C3802MH5400988T
(ii) File No.	SIA/MH/INFRA2/481003/2024
(iii) Clearance Type	Transfer of EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	8(a) Building / Construction
(vii) Name of Project	Transfer of EC obtained for "Development of Data Center – PNQ06" from M/s Microsoft Corporation (India) Pvt. Ltd to M/s Pune Data center Two Limited
(viii) Name of Company/Organization	M/s Microsoft Corporation (India) Pvt Ltd
(ix) Location of Project (District, State)	PUNE, MAHARASHTRA
(x) Issuing Authority	SEIAA
(xi) EC Date	28/11/2024
(xiii) Details of Transferee	Adani Corporate House, Shantigram, S. G. Highway, Khodiyar, NA, Ahmedabad-382421, Gujarat, India,Ahmedabad,438,24,382421
(xiv) Details of Transferor	M/s Microsoft Corporation (India) Pvt Ltd, 807,

1. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-7 were submitted to the SEIAA under the provision of Para 11 of the EIA notification 2006 and its subsequent amendments. Details in Form 7 can be accessed on PARIVESH portal by scanning the QR Code above and can also be accessed at [click here](#).
2. The SEIAA has examined the requisite information/documents required for transfer of EC in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and hereby accords Transfer of EC dated Invalid date to Adani Corporate House under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of EC conditions issued vide EC letter dated 28/11/2024.
3. The SEIAA may revoke or suspend the clearance, if implementation of any of the EC conditions is not satisfactory. The SEIAA reserves the right to stipulate additional conditions, if found necessary.
4. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC issued vide dated 28/11/2024.
5. This issue with the approval of the Competent Authority.

Send Approval Copy To (In case of multiple use comma as separator)



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/INFRA2/481003/2024
Environment & Climate Change
Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s Pune Data Center Limited,
Plot no D-I-10-1, MIDC,
Pimpri Waghere, D-1, Pune.

Subject : Transfer of EC obtained for "Development of Data Center – PNQ06" located at Plot no D-I-10-1, MIDC, Pimpri Waghere, D-1, Pune from M/s Microsoft Corporation (India) Pvt. Ltd to M/s Pune Data center Two Limited

Reference : 1. Application no. SIA/MH/INFRA2/481003/2024
2. Earlier EC No. SIA/MH/MIS/270299/2022, (EC identification no EC Identification No. - EC23B038MH110896) dated -26.05.2023

This has reference to your communication on the above-mentioned subject. You have obtained Environment Clearance vide SIA/MH/MIS/270299/2022, (EC identification no EC Identification No. - EC23B038MH110896) dated -26.05.2023 for Development of Data Center – PNQ04 at Plot no D-I-10-1, MIDC, Pimpri Waghere, D-1, Pune. Now, M/s Pune Data Center Limited have applied for transfer of Environment Clearance dated 26.05.2023 as M/s Microsoft Corporation (India) Pvt. Ltd. has subleased the land under consideration to M/s Pune Data Center Limited.

2. M/s Pune Data Center Limited has submitted following documents in support of their application for transfer of EC-

- Letter from MIDC dated 23.01.2024 regarding deed of sublease.
- Undertaking by transferee (i.e. M/s Pune Data Center Limited) regarding acceptance of the terms and conditions of the EC letter dated 26.05.2023
- NOC from Transferor (i.e. M/s Microsoft Corporation (India) Pvt. Ltd.)

3. Your Proposal was considered in 279th (Day-2) meeting of State Level Environment Impact Assessment Authority (SEIAA) held on 07th August, 2024 and SEIAA decided to grant transfer in Environment Clearance dated 26.05.2023 from M/s Microsoft (India) Pvt. Ltd. to M/s Pune Data Center Limited

All the other terms and conditions mentioned in the EC dated 26.05.2023 shall remain the same.


Signature Not Verified
(Member Secretary, SEIAA)
Digitally Signed by: Shri Pravin Darade
IAS Member Secretary,
Member Secretary, SEIAA
Date: 10/12/2024



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

To,

The Director DC Construction
 MICROSOFT CORPORATION (INDIA) PVT LTD
 Microsoft Corporation India Pvt Ltd. Windsor, 4th Floor, Off CST Road,
 Kalina, Santacruz East, Mumbai -400098

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/MIS/270299/2022 dated 01 May 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.	EC23B038MH110896
2. File No.	SIA/MH/MIS/270299/2022
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	Development of Data Center – PNQ06 by Microsoft in Pimpri Chinchwad Industrial Area, Pune, India
7. Name of Company/Organization	MICROSOFT CORPORATION (INDIA) PVT LTD
8. Location of Project	Maharashtra
9. TOR Date	N/A

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

Date: 26/05/2023

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

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/270299/2022
Environment & Climate
Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To

M/s. Microsoft Corporation (India) Pvt Ltd,
Plot No. D-I-10-1, MIDC Pimpri Waghere,
D-1, Haveli, Pune.

Subject : Environment Clearance for Development of Data Center – PNQ06 at
Plot No. D-I-10-1, MIDC, Pimpri Waghere, D-1, Haveli, Pune by M/s.
Microsoft Corporation (India) Pvt Ltd

Reference : Application no. SIA/MH/MIS/270299/2022

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-3 in its 152nd meeting under screening category 8 (a) B2 as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 259th (Day-1) meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

1.	Proposal Number	SIA/MH/MIS/270299/2022	
2.	Name of Project	Development of Data Center – PNQ06 by Microsoft in Pimpri Chinchwad Industrial Area, Pune, India	
3.	Project category	8 (a), B-2, Building and Construction	
4.	Type of Institution	Private	
5.	Project Proponent	Name :	Microsoft Corporation (India) Pvt Ltd
		Regd. Office Address:	Microsoft Corporation (India) Pvt Ltd, Windsor, 4 th Floor, Off CST Road, Kalina, Santacruz (E), Mumbai
		Contact number:	92233 83667 (mobile)
		e-mail:	bhat.prashant@microsoft.com
6.	Consultant	AECOM India Private Limited NABET/EIA/2124/ RA 0247 valid till 19.11.2024	
7.	Applied for	New Project	
8.	Details of previous EC	Not Applicable	
9.	Location of the project	Plot No. D-I-10-1, MIDC, Pimpri Waghere, D-1, Haveli, Pune	
10.	Latitude and Longitude	18°38'48.15"N 73° .01"E 18°38'54.16"N 73°48'26.16"E 18°38'50.59"N 73°48'29.25"E 18°38'40.04"N 73°48'26.86"E 18°38'38.22"N 73°48'24.09"E	

11.	Total Plot Area (m2)	1,01,181.67			
12.	Deductions (m2)	11,593.887 Sqm [10% Open space (10118.17m2) + Explosive Area (1475.72m2)].			
13.	Net Plot area (m2)	89735.35 sq.m			
14.	Proposed FSI area (m2)	73,616.6			
15.	Proposed non-FSI area (m2)	9,210.13			
16.	Proposed TBUA (m2)	82,826.8			
17.	TBUA (m2) approved by Planning Authority till date	38206.38 Sqm, No.EE.(C) / C- 14231 /of 2022 dated 24.06.2022 from MIDC, Civil Division, Chinchwad, Pune			
18.	Ground coverage (m2) & %	29,169.15 (29% of total plot area)			
19.	Total Project Cost (Rs.)	5227,84,04,275/-			
20.	CER as per MoEF & CC circular dated 01/05/2018	NA, as per MoEFCC Memorandum 22-65/2017-IA-III dated 30 th October 2020 and 25th February 2021			
21.	Details of Building Configuration	Proposed Configuration			
		Building Name	Configuration	Height	
		DC Building - 1	G+ 4 Floors	33.7 m	
		DC Building - 2	G+ 4 Floors	33.7 m	
22.	Total number of tenements	180 staff proposed			
23.	Water Budget	Dry Season (CMD)		Wet Season (CMD)	
		Fresh water	87.33 (4.85 + 82.48)	Fresh water	4.85
		Recycled water Flushing	3.8	Recycled	3.8
		Recycled water Landscape	3.52	Recycled water Landscape	3.52
		Swimming Pool	NA	Swimming Pool	NA
		Total	94.65	Total	11.77
		Wastewater generation	7.71	Wastewater generation	7.71
		24.	Water Storage Capacity for Firefighting	Underground: 400 KL (200 KL x 2 Nos.) Overhead Tank: 20 KL	
25.	Source of water	MIDC			
26.	Rain Water Harvesting	Level of the Ground Water table	Pre-Monsoon: 15m -20m bgl Post-Monsoon: 5m -6m bgl		

		Size and no. of RWH tank(s) and Quantity	No. of RWH Tanks: 2 Tanks Total capacity: 7200m ³ Size of tanks: Tank 1: 103 m x 5 m x 3.5m (1200 m3) Tank 2: 74 m x 24 m x (3.5 & 4.5) depth (6000 m3)	
		Quantity and size of recharge pits:	17 recharge pits 153 m ³ (Approx. volume of recharge is 9 m3 per pit Size: 2m x2m x3m deep	
		Details of UGT tanks if any:	RWH Tank: 2 No, Water Tank: 2 No.	
27.	Sewage and Wastewater	Sewage generation: 7.71 KLD STP technology: MBR Capacity of STP (CMD): 10 KLD		
28	Solid Waste Management during Construction Phase	Type	Quantity (kg/d)	Treatment / disposal
		Dry waste:	55.2 kg/day	Recyclable waste will be disposed through authorized recyclers
		Wet waste:	36.8 kg/day	disposed as per local practice followed in PCMC
		Construction waste	4150 MT	disposed through authorized vendors
29.	Solid Waste Management during Operation Phase	Type	Quantity (kg/d)	Treatment / disposal
		Dry waste:	12 kg/day	disposed through authorized vendors
		Wet waste:	08 kg/day	will be sent to onsite OWC plant
		Hazardous waste:	150 Ltr/ month	disposed through authorized vendor.
		Biomedical waste	NA	NA
		E-Waste	40 Kg/month	disposed through authorized vendor buy back policy for the electronic items
		STP Sludge (dry)	3 Kg/day	Would be used as manure for plantation at site
30.	Green Belt Development	Total RG area (m2):		15,499 Sq.m
		Existing trees on plot:		0
		Number of trees to be planted:		1015
		Number of trees to be cut:		0
		Number of trees to be transplanted:		0
31.	Power Requirement	Source of power supply:		MSEDCL
		During Construction Phase (Demand Load):		300 KW
		During Operation phase (Connected		150.73 MW

		load):																													
		During Operation phase (Demand load):	148.02 MW																												
		Transformer:	1 of 500 kva 27 No. of 3.15 MVA In each Phase																												
		DG set:	27 DG sets of 3 MVA 1 DG set of 0.5 MVA in each phase 1 and phase 2																												
		Fuel used:	HSD																												
32.	Details of energy saving	Following are being used as energy conservation measures • Energy efficient air cooler chillers have been used in this project • High chilled water leaving temperature (22/32 C) • Higher delta T of chilled water (10 K) • All chillers and chilled water pumps are with VFD • Provision of water side economizer are also given to save cooling energy. • All Colo AHUs are with EC fans • All pump and motors have provision of VFD to save energy during part load operation. • All AHUs have provision of energy efficient EC motors. • CFC and HCFC free refrigerant. Refrigerant used is R134a. • Energy efficient (low U Value) materials shall be used. • Transformer losses as per BEE, IE3 Motor has considered, Lighting Intensity is 0.8 W/sqft which is better than ECBC recommended value. • LED Lighting fixtures • Power sources are located closer to load to reduce distribution losses. • Energy efficient UPS (>96% efficiency)																													
33.	Environmental Management plan budget during Construction phase	<table> <tr> <th>Components</th><th>Details</th><th>Capital</th><th>O&M/Y</th></tr> <tr> <td>Land and Soil protection</td><td>Drainage, bunds / diversion dykes</td><td>6,00,000</td><td>1,30,000</td></tr> <tr> <td>Municipal Waste</td><td>Toilets for workers</td><td>9,00,000</td><td>13,00,000</td></tr> <tr> <td>Construction waste</td><td>Waste disposal</td><td>3,00,000</td><td>4,87,500</td></tr> <tr> <td>Environmental Monitoring</td><td>Air, Noise, Water and Soil</td><td>0</td><td>15,75,000</td></tr> <tr> <td>Air Quality</td><td>Water sprinkling, etc.</td><td>0</td><td>14,62,500</td></tr> <tr> <td>Environment Compliance</td><td>Half yearly auditing and reporting to Authority</td><td>0</td><td>56,00,000</td></tr> </table>	Components	Details	Capital	O&M/Y	Land and Soil protection	Drainage, bunds / diversion dykes	6,00,000	1,30,000	Municipal Waste	Toilets for workers	9,00,000	13,00,000	Construction waste	Waste disposal	3,00,000	4,87,500	Environmental Monitoring	Air, Noise, Water and Soil	0	15,75,000	Air Quality	Water sprinkling, etc.	0	14,62,500	Environment Compliance	Half yearly auditing and reporting to Authority	0	56,00,000	
Components	Details	Capital	O&M/Y																												
Land and Soil protection	Drainage, bunds / diversion dykes	6,00,000	1,30,000																												
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Air Quality	Water sprinkling, etc.	0	14,62,500																												
Environment Compliance	Half yearly auditing and reporting to Authority	0	56,00,000																												

		Training	EHS Training	50,000	3,25,000
		Health and Safety	Disinfection, pest-control, first-aid, PPE	1,78,00,000	16,25,000
		Health Checkup	All workers at site (biannual)	0	10,50,000
34.	Environmental Management plan budget during Operation phase	Components	Details	Capital	O&M/Y
		Storm Water	Storm Water	4,00,00,000	1,00,000
		Sewage treatment	Sewage Treatment Plant	27,00,000	3,00,000
		Water treatment	Water Treatment facility	49,50,000	2,00,000
		RWH Tanks	RWH Tanks	3,65,00,000	1,00,000
		Swimming Pool	NA	NA	NA
		Solid Waste	Solid waste (OWC)	10,00,000	50,000
		Hazardous waste	Hazardous waste	12,00,000	2,50,000
		e-waste	E-waste	60,000	2,00,000
		Green space development	Green Space development	52,46,000	5,00,000
		Energy saving	NA	NA	NA
		Environmental Monitoring	Environmental Monitoring (air, noise soil, stack, STP treated water)	0	31,00,000
		Disaster Management	Lightening Arrester	35,00,000	50,000
35.	Traffic Management	Type	Required as per DCR	Actual Provided	Area per parking (m2)
		4-Wheeler	386	386	4,825 sq.m
		2-Wheeler	39	40	120 sq.m
		Bicycle	Nil	Nil	Nil
36.	Details of Court cases/ litigations w.r.t. the project and project location if any.	No			

3. The proposal has been considered by SEIAA in its 259th (Day-1) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

A. SEAC Conditions-

1. PP to implement the mitigation measures proposed to reduce carbon foot print
2. PP to submit The Petroleum and Explosives Safety Organization (PESO) certificate.
3. PP stated that, the project is data centre project & the population expected is very few, considering this PP stated that, they are proposing to give electric charging for 20 cars.
4. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places. PP to ensure that this should be provided in AC/DC combination.
5. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

B. SEIAA Conditions-

1. PP to keep open space unpaved so as to ensure permeability of water. However, whenever paving is deemed necessary, PP to provide grass pavers of suitable types & strength to increase the water permeable area as well as to allow effective fire tender movement.
2. PP to achieve at least 5% of total energy requirement from solar/other renewable sources.
3. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
4. SEIAA after deliberation decided to grant EC for – FSI area - 38,206.38 m², Non FSI area - 6,076.79 m² and total BUA - 44,283.17 m². (Plan approval No. EE(C) / C-14231 of 2022, dated- 24.06.2022) (Restricted as per approval)

General Conditions:

a) Construction Phase :-

- I. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. Disposal of muck, Construction spoils, including bituminous material during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in the approved sites with the approval of competent authority.
- III. Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- IV. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- V. Arrangement shall be made that waste water and storm water do not get mixed.
- VI. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices.

- VII. The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
- VIII. Permission to draw ground water for construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
- IX. Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- X. The Energy Conservation Building code shall be strictly adhered to.
- XI. All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- XII. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- XIII. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- XIV. PP to strictly adhere to all the conditions mentioned in Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975 as amended during the validity of Environment Clearance.
- XV. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- XVI. Vehicles hired for transportation of Raw material shall strictly comply the emission norms prescribed by Ministry of Road Transport & Highways Department. The vehicle shall be adequately covered to avoid spillage/leakages.
- XVII. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
- XVIII. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during construction phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel is preferred. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
- XIX. Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings by a separate environment cell /designated person.

B) Operation phase:-

- I. a) The solid waste generated should be properly collected and segregated. b) Wet waste should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. c) Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.
- II. E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.

- III. a) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP. b) PP to give 100 % treatment to sewage /Liquid waste and explore the possibility to recycle at least 50 % of water, Local authority should ensure this.
- IV. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement.
- V. The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
- VI. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- VII. PP to provide adequate electric charging points for electric vehicles (EVs).
- VIII. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- IX. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- X. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes.
- XI. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at parivesh.nic.in
- XII. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XIII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO₂, NO_x (ambient levels as well as stack emissions) or critical sector

parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

C) General EC Conditions:-

- I. PP has to strictly abide by the conditions stipulated by SEAC & SEIAA.
 - II. If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
 - III. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
 - IV. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
 - V. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
 - VI. No further Expansion or modifications, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the SEIAA. In case of deviations or alterations in the project proposal from those submitted to SEIAA for clearance, a fresh reference shall be made to the SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
 - VII. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. This Environment Clearance is issued purely from an environment point of view without prejudice to any court cases and all other applicable permissions/ NOCs shall be obtained before starting proposed work at site.
6. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid

as per EIA Notification, 2006, amended from time to time.

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

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


Pravin Darade

(Member Secretary, SEIAA)

Copy to:

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

Signature Not Verified

Digitally signed by Shri Pravin C. Darade, I.A.S.
Member Secretary

Date: 5/26/2023 4:39:20 PM



EHS MATRIX

PRIVATE LIMITED

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TEST REPORT

Report No:	EHSM/2025/Apr/562	Issue Date	30/04/2025
Name and Address of Customer	PNQ6 by M/s Pune Data Center Limited on behalf of M/s Microsoft Corporation (India) Pvt. Ltd. at Plot No.D-I-10-1,MIDC,Pimpri Waghre,D-1,Haveli,Pune		
Sample Name	Water	Sample Description	Drinking Water
Date of Sampling	23/04/2025	Sampling Time	13.00 PM
Sampling Location	Water Tank for Construction Workers	Sampling Procedure	APHA 1060
Sampling done by	EHS Matrix Pvt. Ltd., Pune.	Sample Quantity	02 L
Start Date of Analysis	24/04/2025	End Date of Analysis	26/04/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Requirement (Acceptable Limit)	Methods
1	Colour	<2.0	Hazen	Max5	APHA 2120 B ,24th Ed.2023
2	Turbidity	<1.0	NTU	Max 1	APHA 2130 B, 24th Ed.2023
3	pH at 25°C	7.74	--	6.5 to 8.5	APHA 4500 H+ A, 24th Ed.2023
4	EC at 25°C	139.0	µS/cm	--	APHA 2510 B, 24th Ed.2023
5	Total Dissolved Solids TDS	90.0	mg/L	Max 500	APHA 2540 C, 24th Ed.2023
6	Total Hardness (as CaCO ₃)	33.0	mg/L	Max 200	IS 3025 (Part 21)
7	Total Alkalinity (as CaCO ₃)	35.4	mg/L	Max 200	IS 3025 (Part 23)
8	Sulphate (as So ₄)	5.1	mg/L	Max 200	IS 3025 (Part 24)
9	Chloride (as Cl)	13.0	mg/L	Max 250	APHA 4500 Cl-, 24th Ed.2023
10	Calcium (as Ca)	5.0	mg/L	Max 75	IS 3025 (Part 40)
11	Magnesium (as Mg)	5.1	mg/L	Max 30	IS 3025 (Part 46)
12	Nitrate(as NO ₃)	2.13	mg/L	Max 45	APHA 4500 NO3, 24th Ed.2023
13	Fluoride (as F)	0.4	mg/L	Max 1.0	APHA 4500 F, 24th Ed.2023
14	Residual Free Chlorine	0.30	mg/L	Min0.2	APHA 4500 Cl, 24th Ed.2023
15	Iron (as Fe)	<0.1	mg/L	Max 0.3	APHA 3111, 24th Ed.2023
16	Total Coliform	Absent	MPN/100ml	<2	IS15185:2016
17	E. coli	Absent	MPN/100ml	<2	IS15185:2016

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



RP
Authorized Signatory
Mr. Rahul Patil
(Director)
Page 01 of 01

Laboratory Recognized by Ministry of Environment, Forest (MoEF) & Climate Change (CC) Govt. of India.

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



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TEST REPORT

Report No:	EHSM/2025/Apr/563	Issue Date	30/04/2025
Name and Address of Customer	PNQ6 by M/s Pune Data Center Limited on behalf of M/s Microsoft Corporation (India) Pvt. Ltd. at Plot No.D-I-10-1,MIDC,Pimpri Waghre,D-1,Haveli,Pune		
Sample Name	Soil	Sample Description	S1
Date of Sampling	23/04/2025	Sampling Time	11.00 AM
Sampling Location	Within Site	Sampling Procedure	--
Sampling done by	EHS Matrix Pvt. Ltd., Pune	Sample Quantity	02 Kg
Start Date of Analysis	24/04/2025	End Date of Analysis	26/04/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Methods
1	Soil Texture			Manual Of Soil Testing
	a) Sand	25	%	
	b) Silt	23	%	
	c) Clay	52	%	
2	pH at 25°C	8.63	--	IS 2720(Part 26) 1987
3	EC at 25°C	219	µS/cm	IS 14767 : 2000
4	Moisture Content	0.8	%	Manual Of Soil Testing
5	Organic Matter	0.61	%	IS 2720(Part 22) 1972
6	Cation Exchange Capacity	0.73	meq/100g	Manual Of Soil Testing
7	Bulk Density	0.68	g/cm ³	Manual of Soil; Testing
8	Available Phosphorus	29.3	mg/Kg	Manual Of Soil Testing
9	Available Nitrogen	101.2	mg/Kg	Manual Of Soil Testing
10	Water Holding	54.0	%	Manual Of Soil Testing
11	Calcium (as Ca)	31.6	mg/Kg	Manual Of Soil Testing
12	Magnesium (as Mg)	8.9	mg/Kg	Manual Of Soil Testing
13	Lead (as Pb)	<0.1	mg/Kg	Manual Of Soil Testing
14	Copper (as Cu)	0.28	mg/Kg	Manual Of Soil Testing
15	Zinc (as Zn)	1.2	mg/Kg	Manual Of Soil Testing
16	Cadmium (as Cd)	<0.1	mg/kg	Manual Of Soil Testing
17	Iron (as Fe)	3.1	mg/Kg	Manual Of Soil Testing
18	Manganese (as Mn)	1.1	mg/Kg	Manual Of Soil Testing
19	Potassium (as K)	39.0	mg/Kg	Manual of Soil Testing



Rg
Authorized Signatory
Mr. Rahul Patil
(Director)
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CERTIFICATIONS
ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018



EHS MATRIX

PRIVATE LIMITED

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TEST REPORT

Report No:	EHSM/2025/Apr/564	Issue Date	26/04/2025
Name and Address of Customer	PNQ6 by M/s Pune Data Center Limited on behalf of M/s Microsoft Corporation (India) Pvt. Ltd. at Plot No.D-I-10-1,MIDC,Pimpri Waghre,D-1,Haveli,Pune		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	23/04/2025	Sampling duration	1440 Min
Sampling Location	Near Entrance	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	38°C	Wet bulb temperature	28°C
Relative Humidity	47 %	Sampling done by	EHS Matrix Pvt. Ltd., Pune
Start Date of Analysis	24/04/2025	End Date of Analysis	26/04/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	24.0	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO ₂)	30.0	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	74.0	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	33.0	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	1.2	mg/m ³	≤ 04	
6	Ozone(O ₃)	15.0	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m ³	≤ 1.0	IS 5182 (Part 11)
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	

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

BDL – Below Detectable Limit.




Authorized Signatory
Mr. Rahul Patil
(Director)

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TEST REPORT

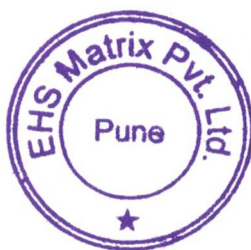
Report No:	EHSM/2025/Apr/565	Issue Date	26/04/2025
Name and Address of Customer	PNQ6 by M/s Pune Data Center Limited on behalf of M/s Microsoft Corporation (India) Pvt. Ltd. at Plot No.D-I-10-1,MIDC,Pimpri Waghre,D-1,Haveli,Pune		
Sample Name	Air	Sample Description	Ambient Air
Date of Sampling	23/04/2025	Sampling duration	1440 Min
Sampling Location	Within Site	Sampling Procedure	CPCB Guideline for measurement of Ambient Air pollutants Volume I
Dry bulb temperature	38°C	Wet bulb temperature	28°C
Relative Humidity	48 %	Sampling done by	EHS Matrix Pvt. Ltd., Pune
Start Date of Analysis	24/04/2025	End Date of Analysis	26/04/2025

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (NAAQ Standards)	Methods
1	Sulphur Dioxide(SO ₂)	22.0	µg/m ³	≤ 80	IS 5182 (Part 2)
2	Oxides of Nitrogen(NO ₂)	28.0	µg/m ³	≤ 80	IS 5182 (Part 6)
3	Particulate Matter PM ₁₀	62.0	µg/m ³	≤ 100	CPCB Guideline for measurement of Ambient Air pollutants Volume I
4	Particulate Matter PM _{2.5}	31.0	µg/m ³	≤ 60	
5	Carbon Monoxide (CO)	1.0	mg/m ³	≤ 04	
6	Ozone(O ₃)	14.0	µg/m ³	≤ 180	
7	Lead (Pb)	BDL	µg/m ³	≤ 01	
8	Arsenic(As)	BDL	ng/m ³	≤ 06	
9	Nickel(Ni)	BDL	ng/m ³	≤ 20	
10	Ammonia(NH ₃)	BDL	µg/m ³	≤ 400	
11	Benzo(a)Pyrene(BaP)	BDL	ng/m ³	≤ 1.0	
12	Benzene(C ₆ H ₆)	BDL	µg/m ³	≤ 05	IS 5182 (Part 11)

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

BDL – Below Detectable Limit.



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Authorized Signatory
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(Director)

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TEST REPORT

Report No:	EHSM/2025/Apr/566	Issue Date	26/04/2025
Name and Address of Customer	PNQ6 by M/s Pune Data Center Limited on behalf of M/s Microsoft Corporation (India) Pvt. Ltd. at Plot No.D-I-10-1,MIDC,Pimpri Waghre,D-1,Haveli,Pune		
Sample Name	Noise	Sample Description	Ambient Noise
Date of Sampling	23/04/2025	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.	Near Entrance	52.3	38.0	55/45	CPCB Guideline
2.	Within Site	50.5	37.2		

Remark-

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -55/45 dB.




Authorized Signatory
Mr. Rahul Patil
(Director)