MAHARASHTRA STATE POWER GENERATION COMPANY LIMITED
Bhusawal Thermal Power Station, Deepnagar
(An ISO 9001:2015, ISO14001:2015 ISO 45001:2018, EMS 50001:2011 Certified Units)
Dispatch Section
2 x 500 MW, BTPS, Stg-
MAHAGENCO
Maharashtra State Power Generation Co. Ltd.
CIN: U40100MH2005SGC153648

Chief Engineer (O&M),
Bhusawal Thermal Power Station,
Deepnagar, Tal. Bhusawal
Dist. Jalgaon (MS) – 425307
(02582) 250207
cegenbhusawal@mahagenco.in

Ref. No: CE(O&M)/BTPS/Env. Cell/FL-44 No - 1019 Date: 27 JUL 2026

To,
Director,
Integrated Regional Office (IRO),
MoEF&CC, Ground floor, East wing,
New Secretariat Building,
Civil lines, Nagpur-440001.
Email: apccfcentral-ngp-mef@gov.in

Subject: Updated status of compliance of Environmental Clearance Conditions pertains to 1x660MW Bhusawal Thermal Power plant six monthly report for the period of Jan-2026 to Jun- 2026.

Ref.: 1) Environmental Clearance vide Ltr. No. J 13012/75/2010-IA. II(T)Dtd.27.11.2012.
2) Extension granted vide Letter No. J 13012/75/2010 –IA. II (T), Dtd.30.05.2017.
3) Extension granted vide Letter No. J 13012/75/2010 –IA. II (T), Dtd.14.01.2020.
4) Letter by MoEF&CC for change in coal source & flue gas exit velocity-No. j-13012/75/ 2010-IA. II (T), dt.11.09.2020.

Rrespected Sir/Madam,

With reference to the above subject, the updated status of compliance for the Environmental Clearance (EC) Conditions for Unit No. 6 (1x660MW), BTPS Project for the period Jan-2026 to Jun-2026 is as per attachment.

Bhusawal TPS is taking all environmental mitigating measures for implementation and provision of systems to achieve environmental clearance conditions, Consent conditions, MoEF&CC norms as per the guidelines of MOEF&CC/CPCB/MPCB.

Chief Engineer (O&M)
BTPS, Deepnagar

Encl: As stated above

Copy s. w. r. to:
1. The Joint Director (APC), MPCB, Kalpataru Point, 3rdFloor, Sion- Matunga, Opp. Sion Circle, Sion(E), Mumbai -400 022.
2. The Executive Director (E&S), MSPGCL, Mumbai-400 051.

Copy to:
1. The Regional officer, MPCB, Udyog Bhavan, 1stfloor, Trimbak Road, Near I.T.I. Satpur, Nasik-422007.
2. Regional Director, CPCB Pune, Raw House No 1, Sanjivani Nisarg, Balewadi, Pune, Maharashtra 411045.
3. Sub-Regional Officer, Jalgaon, MPCB office, Hall "A" 3rd Floor, B. J. Market, Jalgaon-425001.

Environmental Clearance Conditions for 1x660 MW Coal Based Thermal Power Project at Bhusawal		
EC Conditions		
Point-4-A-Specific Conditions		
No.	**EC Conditions**	**Compliance**
4-A- (i)	It shall be ensured that old units of Unit 2x210 MW viz. Unit-II and Unit-III are retrofitted to ensure that ESPs for these units comply with 50 mg/Nm^3. Old ESP shall be accordingly replaced.	a) Unit No. 2(210 MW) of BTPS was decommissioned w.e.f. 01.04.2017. It was declared closed as per MSPGCL Board Resolution No. MSPGCL / CS / BM / 172 / 172.12 Dtd.22.08.2017. b) CEA, through letters dated 02.09.2022 and 09.04.2024, recommended reconsidering the retirement of old thermal units through Renovation & Modernization (R&M) and included BTPS Unit-3 (210 MW) in Phase-I of the R&M programme. MSPGCL, vide letter dated 07.08.2024, conveyed its willingness to undertake need-based R&M of old units in a phased manner. However, MERC has not approved the R&M of old 210 MW thermal units, including BTPS Unit-3, as MSEDCL has not provided the consent for major Renovation & Modernization (R&M) expenditure. Hence, no decision has yet been taken regarding APCS upgradation / retrofitting of ESP for BTPS Unit-3. Whereas, Various maintenance works, including repair of the penthouse, doghouse, flue gas duct, and ESP fields, as well as replacement of discharge electrodes, collecting plates, rapping mechanisms, broken electrodes, electrode frames, faulty rapper coils, and actuator arms, are being carried out to keep the Air Pollution Control System of Unit No. 3 (210 MW) in healthy and efficient operating condition. New AFGC system & dedusting system installed in 2025.
4-A- (ii)	Additional coal requirement of about 1.99 MTPA will be obtained from other power plants of Mahagenco which are being shut down, only as an interim period until Machhakatta Coal mines becomes operational.	Ministry of Environment, Forest and Climate Change (MoEF&CC), vide letter dt. 11.09.2020 has permitted to use existing linkages of old units of MAHAGENCO, sourced from WCL, SECL & MCL mines in view of cancellation of Machhakatta coal mine. Coal linkage from Ghugus mine has been started.

4-A- (iii)	Scheme for implementation for harnessing solar power within the premises of the plant particularly at available roof tops shall be formulated and status of implementation shall be submitted to the Regional Office of the Ministry from time to time.	In order to implement for harnessing solar power within the premises of Bhusawal 1x660 MW project, provisions made for roof top solar photo voltaic (PV) system & guidance regarding incorporation of the same requested from CE (P&P) vide letter No.CE(P) / BSL / Proj / 1x660 MW / EC / Solar / No.0979 Dtd.22.06.2020 And follow up letter is sent vide letter No. CE(P)/BSL/Proj/ 1x660MW /WTP /No. 01791 Dtd. 28.07.2023. Further site survey was carried out to identify feasible plant buildings for solar roof top project, in which around 13097 Sq. Meter areas was identified. In this regard this office is in continuously follow up with CE-RE (P&P) and have drafted letter No. CE(P)/BSL/Proj/1x660MW/WTP/No.00 830 Dtd.25.04.2025 for updated status of this scheme. PMG, BSL Project have requested status/data (Via email dated 01.07.2026 & Reminder on 04.07.2026) from O/o. CE-RE (P&P).
4-A- (iv)	Space provision for installation of FGD shall be provided for future use.	Space provided for FGD installation; however, FGD system installation work is in progress, 90 % work completed & remaining work is under progress, expected to be complete in August- 2026 (As per M/s. BHEL commitment)
4-A- (v)	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and 34% respectively at any given time. In case of variation of coal quality at any point of time fresh reference shall be made to the Ministry for suitable amendments to environment clearance conditions wherever necessary.	Ministry of Environment, Forest and Climate Change (MoEF&CC), vide Notification dated 21.05.2020, amended the earlier provisions requiring the use of blended/beneficiated coal with ash content below 34% based on distance criteria. Under the revised provisions, Thermal Power Plants are permitted to use coal without any stipulations as regards ash content or distance, subject to ensure compliance with the prescribed environmental norms relating to emissions, ash utilization and management, and covered transportation of coal through railways, conveyors, or covered trucks, as applicable. Hence, it is requested to relax the condition of use of coal by power plant with stipulated sulphur and ash percentage.
4-A- (vi)	A long-term study on radio activity and heavy metals contents in coal to be used shall be carried out through a	Study on radioactive substances in coal, fly ash and bottom ash is done from M/s. Board of Radiation & Isotope Technology

	reputed institute. Thereafter a mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	(BRIT), Mumbai in May- 2020. Samples were collected on Dtd.15.03.2020 & analysis carried out on Dtd.29.05.2020. Study of Heavy metals content in coal, fly ash and bottom ash is done from M/s. Central Institute of Mining & Fuel Research, Dhanbad on Dtd.02.07.2020. (The reports are attached herewith.). To ensure continuous monitoring recently heavy metals analysis in coal, fly ash, bottom ash & pond ash carried out from NABL accredited Laboratory (reports attached) and for radio activity study samples are submitted to BARC, Mumbai.
4-A-(vii)	Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land is affected, damage to any land.	To control fugitive emissions at the Coal Handling Plant, dust suppression systems at the wagon tipplers and conveyor belts are fully operational. Dust extraction systems at the crusher house and bunker house are also functioning effectively. In addition, a dust suppression system was installed at the stacker yard in February 2025 and is now fully operational. A new dust collector system has also been commissioned at the apron feeder discharge points to control excessive dust from coal handling. Furthermore, additional measures will be implemented as required to further minimize fugitive emissions.
4-A-(viii)	Fly ash shall not be used for mine void filling or agricultural purpose.	Bhusawal TPS is not using Fly ash for mine void filling or agricultural purpose.
4-A- (ix)	A stack of 275 m height with flue gas velocity not less than 22 m/s shall be installed and provided with continuous online monitoring equipment's for SO_x, NO_x and $PM_{2.5}$ & PM_{10}. Mercury emissions from stack may also be monitored on periodic basis.	Stack of 275 m height with flue gas velocity 21 m/s provided. FGD Installation is in progress. Continuous online monitoring equipment for SOX, NOX, PM provided. Mercury emission from stack monitored on periodic basis by MoEF&CC recognised & NABL accredited agency (Reports attached).
4-A- (x)	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm^3.	High Efficiency Electrostatic Precipitators (ESPs) with 108 fields are provided to ensure the particulate emission within the specified limits.

4-A- (xi)	Adequate dust extraction system such as cyclones / bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	Adequate Dust Extraction system such as cyclones / bag filters and Water Spray system at dusty areas such as CHP area, ash handling points and coal transfer areas provided.
4-A-(xii)	Utilization of 100% fly ash generated shall be made from day one of operation of Unit-VI (660 MW). Status of 100% ash utilization of other units shall be submitted to the R.O. of the Ministry and the State Pollution Control Board from time to time.	To ensure 100% fly ash utilization, fly ash sale orders for the 660 MW unit were issued by the MSPGCL Head Office in July-2025 and are valid for next three years. Total of 13 agencies have been allotted orders to ensure 100% full ash utilization. Bottom ash is disposed of in the ash bund.
4-A-(xiii)	Fly ash shall be collected in dry form and storage facilities (silos) shall be provided. Unutilized fly ash shall be disposed of in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed of in low lying area.	Bhusawal TPS has provided Remote fly ash silo & HSCD silo is provided for collection of fly ash in dry form Unit-6 (1x660 MW). Unutilized fly ash is disposed off in the existing ash pond of 2x500MW Project is slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) are monitored regularly in bottom ash & Fly Ash.
4-A-(xiv)	Rehabilitation of abandoned ash pond shall ensure that ecological restoration is physically manifested within a period of three years and accordingly action plan formulated, and details submitted to the regional office of the Ministry and the State Pollution Control Board.	Natural growth of plantation of local species already developed on abandoned ash bund.
4-A-(xv)	Three tier green belts shall be developed all around Ash Pond-II over and over Green Belt around the plant boundary.	Green Belt around Plant boundary is included in M/s. BHEL EPC scope. The work of Green belt development is already started and out of total 1.73 lacs plantation 1,50,000 tress are planted. Remaining plantation work is in progress.
4-A-(xvi)	Ash pond shall be lined with HDPE / LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.	New ash pond not proposed for 1x660MW unit. Old ash pond will be utilized by rising of ash bund up to RL 270 meter in phased manner.
4-A-(xvii)	Hydrogeology of the area shall be reviewed annually from an institute / organization of repute to assess impact	To monitor water quality of the area, collection & analysis of Ground water & Surface water samples carried out

	of surface water and ground regime (especially around ash dyke). In case any deterioration is observed specific mitigation measures shall be undertaken and reports / data of water quality monitored regularly and maintained shall be submitted to the Regional Office of the Ministry.	through NABL Accreditated laboratory on regular intervals. (Reports attached).
4-A-(xviii)	No ground water shall be extracted for use in operation of the power plant even in lean season.	Ground water not extracted for operation of the power plant.
4-A-(xix)	No water bodies (including natural drainage system) in the area shall be disturbed due to activities associated with the setting up / operation of the power plant.	Due care has been taken so that no water bodies (including a natural drainage system) in the area will be disturbed.
4-A-(xx)	COC of 5.0 shall be adopted.	Maintaining COC - 5.0.
4-A-(xxi)	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Regular ground water monitoring around the ash pond area is carried out from NABL accredited agency. Work of installation of piezometers initiated & is in progress. However, there is a provision of 4 percolation wells near ash bund, from which the water sample is collected and analysed for heavy metals (Hg, Cr, As, Pb) from NABL accredited agency every month. (Reports attached).
4-A-(xxii)	Monitoring surface water quality and quantity in the area shall also be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	Regular monitoring of surface water quality in and around the periphery of Bhusawal TPS carried out through MoEF&CC recognized and NABL Accreditated agency (Reports attached).
4-A-(xxiii)	Wastewater generated from the plant shall be treated before discharge to comply with limits prescribed by the SPCB.	To treat Wastewater generated from the plant, Effluent Treatment Plant provided for 1X660MW, BTPS and is in service, treated effluent from ETP used for ash handling purpose. Maintaining Treated water parameters within the limits prescribed by the SPCB.

4-A-(xxiv)	The project proponent shall undertake rainwater harvesting measures and shall develop water storage for use in the operation of the plant. A rainwater harvesting system shall be put in place which shall comprise of rainwater collection from the built up and open area in the plant premises. The action plan for implementation shall be submitted to the Regional Office of the Ministry.	Total six numbers of Rainwater Harvesting ponds are proposed for the project. Out of these six Rainwater Harvesting ponds, five are in M/s BHEL scope and one Rainwater Harvesting pond is in MSPGCL scope. Out of which five are in BHEL scope and are completed. Proposal for Rainwater Harvesting pond in MSPGCL scope is at PO Stage.
4-A-(xxv)	It shall be ensured that the area drainage is not disturbed due to the proposed project.	It is ensured that the area drainage is not disturbed due to this project.
4-A-(xxvi)	The levelling in plant area should be minimum with no or minimal disturbance to the natural drainage of the area. If the minor canals (if any) have to be diverted the design for diversion should be such that the diverted canals not only drain the plant area but also collect the volume of flood water from the surrounding areas and discharge into marshy areas / major canals that enter into creek / nallah etc. Major canals should not be altered but their bunds should be strengthened and desilted.	No major or minor canal is passing through the proposed plant area.
4-A-(xxvii)	The project proponent shall also adequately contribute in the development of the neighbouring villages. Special package with implementation schedule for providing free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	Various works under CSR activities are carried out & going on for development of the neighbouring villages. Such as Supply of Potable water is villages Nimbhora Bk., Kapil nagar, Sakri & Fekari. Also, water supply scheme work is in progress for village Pimprisekam & Fulgaon. List of Various CSR activities provided to nearby villages attached. (As per Annexure).
4-A-(xxviii)	As part of CSR, regular health check-ups of villagers in the nearby villages shall be carried out and records maintained.	Shall be complied.
4-A-(xxix)	A time bound implementation of the CSR shall be formulated within six months and submitted to the Ministry. It shall be ensured that an in-built monitoring mechanism for the CSR schemes identified, and R&R are in place and annual social audit shall be	CSR Phase-I- Civil works completed as per Grampanchayat Demands (As per Annex). CSR Phase-III, IV, V, and other CSR work are in progress. (As per Annexure).

	got done from the nearest government institute repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time. The achievements should be put on the company's website.	
4-A-(xxx)	CSR scheme shall be undertaken based on need-based assessment in and around the villages within 5 km of the site and in constant consultation with the Village Panchayat and the District Administration. As part of CSR employment of local youth after imparting relevant training as may be necessary shall be undertaken as committed.	All villagers under 5 Km distance are considered in CSR Phase-I & Phase-III works. Works shall be carried out as per demands from Grampanchayat.
4-A-(xxxi)	The amount of Rs. 18.20 Crores shall be earmarked as onetime capital cost for CSR program as committed by the project proponent. Subsequently a recurring expenditure of Rs. 3.64 Crores per annum till the life of the plant shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within six months along with a road map for implementation.	CSR Programme is implemented in phased manner as per demands of Grampanchayat Authority. CSR work such as Road, Drain, Wall Compound, Community Hall, Water supply scheme etc are completed in CSR Phase- I, Phase III, IV and V works are in progress. Further, CSR works in recurring expenditure will be taken by O&M authority. (Annexure is attached herewith.)
4-A-(xxxii)	Green Belt consisting of 3 tiers of plantations of native species around plant and 100 m width shall be raised. The density of trees shall not less than 2500 per ha with survival rate not less than 80%.	Green belt development is part of M/s. BHEL EPC package. The work is already started and out of total 1.73 lacs plantation 1,50,000 tress are planted. Remaining plantation work is in progress.
4-A-(xxxiii)	An Environmental Cell comprising of at least one expert in environmental science / engineering occupational health and social scientist, shall be created at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the head of the organization who would be accountable for implementation of environmental regulations and social impact improvement / mitigation measures.	Complied.

4-B- GENERAL CONDITION		
4-B- (i)	The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.	Trade effluents are connected to Central Monitoring Basin (CMB) of Effluent Treatment Plant (ETP). All trade effluents are treated at ETP & reused within the plant premises. **ETP:** Installation of ETP is completed & it is in service. Storm water drains connected to rainwater harvesting pond separately.
4-B- (ii)	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt plantation.	Sewage treatment plant provided, and the treated sewage shall be used for raising greenbelt plantation.
4-B- (iii)	Adequate safety measures shall be provided in the plant area to check / minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with the location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	In view of Safety to avoid spontaneous fire in coal yard, especially during summer season, dust suppression system at the stacker yard installed and is fully operational and functioning.
4-B- (iv)	Storage facilities for auxiliary liquid fuel such as LDO / HFO / LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Storage facilities for auxiliary liquid fuels such as LDO/HFO/LSHS are provided and CCOE, PESO License issued.
4-B- (v)	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	First Aid and sanitation arrangements are made for the drivers and other contract workers during construction phase.
4-B- (vi)	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85dB (A) from source. For people working in the high noise area, requisite personal protective equipment like earplugs / earmuffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment for any	Acoustic enclosures, silencers, and mufflers have been installed wherever necessary to effectively reduce noise levels, ensuring a safe and controlled work environment. In addition, personal protective equipment (PPE) has been provided to all employees and workers, thereby safeguarding occupational health and safety in accordance with prescribed standards and regulations.

	hearing loss including shifting to non-noisy / less noisy areas.	
4-B-(vii)	Regular monitoring of ambient air ground level concentration of SO_2, NOx, $PM_{2.5}$ & PM_{10} and Hg shall be carried out in the impact zone and records maintained. If at any stage, these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.	Regular monitoring of ambient air quality Carried out at 04 Locations (Twice in a week at each location as per NAAQMS) in the impact zone. The location of the monitoring stations and frequency of monitoring is decided in consultation with MPCB. Additionally for continuous monitoring of ambient air quality 24X7, 04 Nos. of CAAQMS provided. Periodic reports submitted to the Regional Office of this Ministry & MPCB. Six monthly EC Compliance report is made available on the website of the company.
4-B-(viii)	Provision shall be made for the housing of construction labour (as applicable) 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 etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Provision is made for the housing of construction labour (as applicable) near site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc.
4-B- (ix)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of his clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.	Advertise was published in newspapers. a) Lokmat Times, Aurangabad on or before dtd.15/ 12/2012. b) Dainik Sakal, Jalgaon on or before dtd.15/ 12/2012.
4-B- (x)	A copy of the clearance letter shall be sent by the proponent to concern Panchayat, Zilha Parishad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions, if any, received while processing the proposal. The clearance	Complied, vide letter no. Dy. CE (C)/CCC/BSL/ 3116, dated 15/12/2012.

	letter shall also be put on the website of the company by the proponent.	
4-B- (xi)	The proponent shall upload the status of compliance of the stipulated environmental clearance 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 ($PM_{2.5}$ & PM_{10}), SO_2, NO_x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Complied.
4-B- (xii)	The environment 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 environmental clearance conditions and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	The Environmental Statement for each financial year is submitted to the MPCB online portal annually before 30th September. The updated status of compliance with Environmental Clearance (EC) conditions is made available on the company website every six months after submission of the report to the MoEF Regional Office. Earlier EC compliance reports are available on MSPGCL website.
4-B- (xiii)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.	The updated six-monthly compliance report on Environmental Clearance (EC) conditions is regularly submitted to the Regional Office of the MoEF&CC, the Central Pollution Control Board (CPCB), and the State Pollution Control Board (SPCB).

4-B-(xiv)	The Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will upload the compliance status in their website and update the same from time to time at least six-monthly basis. Criteria pollutants levels including NO_x (from stack & ambient air) shall be displayed at the gate of the power plant.	Shall be complied.
4-B-(xv)	Separate funds shall be allocated for implementation of environmental protection measures along with item wise breakup. These costs 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 be reported to the Ministry.	Environment protection measures are taken for 1X660MW BSL unit, fund allocated for implementation of same utilised.
4-B-(xvi)	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	The date of financial closure will be communicated upon completion of the project. The land development work was started on 24/06/2019 by M/s. BHEL.
4-B-(xvii)	Full cooperation shall be extended to the Scientists / Officers from the Ministry / Regional Office of the Ministry / CPCB / SPCB who would be monitoring the compliance of environmental status.	Noted.
5.	The environmental clearance accorded shall be valid for a period of 5 years to start operations by the power plant.	The Ministry has extended the validity of Environmental Clearance up to 26/11/2022 vide its letterJ-13012/75/2010-IA.II (T), dated 14/01/2020, as cited at ref. 3. Also as per MoEF& CC Notification No S.O. 221 (E) dtd 18.01.2021 cited under ref 4, the validity of Environmental Clearance is

		further extended by one year i.e. till 26/11/2023. Further, the EAC after detailed deliberation on the information submitted by MSPGCL for the EC validity extension at MoEF&CC organized 43rd meeting of the Expert Appraisal Committee held on 19.06.23 at New Delhi, have recommended the proposal for extension of Environmental Clearance (EC) dtd. 27.11.2012, till 26.11.2024.
7.	Concealing factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
8.	In case of any deviation or alternation in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the conditions imposed and to add additional environmental protection measures required, if any.	Shall be observed and informed in case of any deviation.
***Additional conditions sought by ministry vide letter no. J-13012/75/2010-IA.II (T),dt. 14.01.20.**		
i.	Progress (both physical and financial) of construction of power plant including provisions installation of FGD and SCR shall be submitted as a part of six-monthly compliance report.	Combined report submitted to CEA by CE (P) attached herewith.
ii.	Emission norms and specific water consumption as per the Ministry's norms dated 07.12.2015 and 28.06.2018 shall be complied with. As committed, Flue-Gas Desulphurization Unit and Selective Catalytic Reactor to control SO_2 and NOx respectively shall be installed.	Emission and specific water consumption norms shall be complied. Installation of Flue-Gas Desulphurization (FGD) Unit and Selective Catalytic Reactor (SCR) to control SO_2 and NOx is in progress.
iii.	Technology selection for adoption of FGD for control of SOx. In case of wet FGD, source of limestone, impact of transportation, handling, storage and disposal of Gypsum including land requirement.	**FGD Technology:** Wet type Limestone FGD technology is selected for control of SOx. Wet Limestone FGD is the most suitable technology for the units of capacity > 500 MW. Wet Limestone FGD can handle large flue gas volumes, and it can absorb variation in Sulphur

		fluctuations. The Sulphur removal efficiency of Wet Limestone FGD is high @ 99 %. The operating cost of Wet Limestone FGD is less in comparison with other FGD technologies.
iv.	Alternate technology analysis and justification of Technology Selection for NOx reduction.	Two types of technologies are available for NOx reduction. **a) Selective Catalytic Reduction Technology (SCR):** It is an advanced active emissions control technology system that injects Ammonia vapours into the flue gas stream where the NOx is reduced to Nitrogen (N2) and Water (H2O) abetted by passing over a metal catalyst bed typically containing Titanium oxide, Vanadium oxides, Molybdenum or Tungsten. **b) Selective Non-Catalytic Reduction Technology (SNCR):** Nitrogenous reducing agent viz., Ammonia or Urea is injected into hot flue gas where it reacts with NOx in gas stream and reducing it to Nitrogen (N2) gas and Water (H2O) vapor. SCR technology is typically much more efficient at reducing NOx emissions up to 90%. SCR allows a reaction to take place at a lower temperature because the catalyst lowers the energy needed to begin the reaction (This is called the activation energy). Since SCR systems utilize metal catalysts, the reaction activation energy is much lower in SCR.
v.	The stack emissions (minimum, maximum, average and 98% percentile) shall be submitted for the period of six months in the compliance report. Further, daily water withdrawal, consumption, power generation and average PLF shall be submitted. The specific water consumption per MWhr shall be calculated based on water consumption and power generation and to be submitted in the compliance report.	Monitoring regularly since commissioning of Unit-6 (1x660MW). The reports are attached herewith.
vi.	The commitment letter in the form of undertaking for shutting / closing the existing unit of 210 MW capacity	Shall be submitted.

	which was commissioned in 1982 and more than 25 years shall be submitted with the date of closure.	
vii.	Further, Specific Condition No. (i) of EC dated 27.11.2012 states that existing units (Unit-II & III: 2x210 MW) shall be retrofitted with ESPs to ensure that PM emissions will be below 50 mg/Nm³. Status of this conditions shall be submitted.	Same as per point A Specific Condition 4-A-(i).
***Additional condition sought by ministry vide letter No. J-13012/75/2010-IA. II (T), dt. 11.09.2020.**		
i	As proposed, a stack of 275 m height with flue gas velocity not less than 18.30 m/s shall be installed along with Flue gas desulphurization system and provided with continuous online monitoring equipment for SOX, NOX, PM. Mercury emission from stack may also be monitored on periodic basis.	Stack of 275 m height with flue gas velocity 21 m/s provided. FGD Installation is in progress. Continuous online monitoring equipment for SOX, NOX, PM provided. Mercury emission from stack monitored on periodic basis.
Ii	An interlocking arrangement shall be set up to shut down power plant when Flue-gas Desulphurization (FGD) is not functional.	Shall be complied.
iii.	The transportation of coal shall be done by rail subject to ministry notification dated 21.05.2020.	Complied
iv.	The ash content in the coal shall be in accordance with ministry's notification dated 21.05.2020 and subsequent amendment.	Shall be complied.
v.	Water consumption in the FGD, in case of wet lime dosing and management of gypsum including its land requirement shall be provided.	Shall be complied.
***Additional conditions sought by ministry vide letter no. J-13012/75/2010-IA.II (T), dt. 14.12.2023**		
	Action plan for green plantation shall be prepared. A dedicated team under supervision of project head shall work for developing green belt as per CPCB guidelines or as recommended in the EC letter. Green plantation shall be carried out before the month of October 2023 around the plant boundary. Action plan and its implementation shall be certified by IRO, Nagpur in the month of October.	Green belt plantation work is carried out by M/s. BHEL as per EC recommendations. 150,000 trees out of 1,73,000 trees are planted till date. Remaining plantation work is under progress.

Manual Stack Emission Monitoring Report Period Jan-2026 to Jun-2026

Month	Unit	Stack Emmission					Avg.PLF (%)	Power Generation (MUs)	Water Consumption (M3)	Sp. Water Consumption (M3/KWh)
		SPM (mg/Nm3)			SO2 (mg/Nm3)	NO2 (mg/Nm3)				
		Avg	Min	Max						
Jan-26	U-6	22	21	23	1211	233	72.13	354.200	796337	2.25
Feb-26	U-6	23	21	24	1312	238	76.99	341.448	808671	2.37
Mar-26	U-6	23	22	24	1221	229	79.02	388.028	1042461	2.69
Apr-26	U-6	24	23	25	1220	228	80.69	383.421	1094362	2.85
May-26	U-6	23	22	24	1200	230	82.33	404.274	1082933	2.68
Jun-26	U-6	22	20	24	1217	232	70.52	335.128	932784	2.78

Executive Chemist
Env. Cell BTPS

Manual Ambient Air Quality Monitoring Report Period Jan-2026 to Jun-2026

Month	Location	PM2.5 (µg/m3)	PM10 (µg/m3)	SO2 (µg/m3)	NOx (µg/m3)	Pb (µg/m3)	NH_3 (µg/m3)	CO (µg/m3)	O_3 (µg/m3)	Benzo Pyrene	C6H6 (Benzene)	Ni (ng/m3)	As (ng/m3)
Jan-26	ETP (500MW)	27.25	68.00	20.11	24.96	BLQ	24.14	1.06	26.81	BLQ	1.09	4.56	1.10
	Fire fighting House (500MW)	31.00	72.25	22.80	27.60	BLQ	23.65	1.23	27.75	BLQ	1.09	4.76	1.12
	New Guest House	25.25	56.13	15.71	22.28	BLQ	22.38	0.94	24.98	BLQ	1.02	4.00	1.05
	Pimprisekam Railway Gate	29.63	72.00	21.83	26.91	BLQ	23.53	1.15	28.70	BLQ	1.08	5.52	1.12
Feb-26	ETP (500MW)	24.00	65.25	18.51	23.01	BLQ	22.70	0.99	26.83	BLQ	1.10	3.97	1.12
	Fire fighting House (500MW)	25.25	66.38	20.35	28.99	BLQ	22.88	1.16	26.19	BLQ	1.07	4.14	1.18
	New Guest House	22.88	54.38	18.16	22.48	BLQ	22.26	0.88	24.04	BLQ	1.07	3.77	1.04
	Pimprisekam Railway Gate	28.38	71.75	21.59	25.78	BLQ	24.44	1.16	27.88	BLQ	1.13	4.39	1.21
Mar-26	ETP (500MW)	23.50	62.88	19.04	23.58	BLQ	24.56	1.00	27.83	BLQ	1.08	4.00	1.04
	Fire fighting House (500MW)	25.75	64.50	19.99	26.38	BLQ	23.88	1.03	28.75	BLQ	1.06	4.12	1.24
	New Guest House	23.00	55.25	17.51	21.86	BLQ	22.44	0.86	26.95	BLQ	1.04	3.67	0.97
	Pimprisekam Railway Gate	23.00	55.25	17.51	21.86	BLQ	22.44	0.86	26.95	BLQ	1.04	3.67	0.97
Apr-26	ETP (500MW)	27.75	69.50	21.81	27.00	BLQ	29.20	1.09	23.18	BLQ	1.13	3.90	1.15
	Fire fighting House (500MW)	28.25	71.88	23.65	31.20	BLQ	29.35	1.17	22.73	BLQ	1.12	4.27	1.20
	New Guest House	26.00	61.50	22.51	25.90	BLQ	27.40	0.84	23.18	BLQ	1.08	3.79	1.08
	Pimprisekam Railway Gate	31.75	80.13	24.49	29.30	BLQ	30.09	1.16	25.44	BLQ	1.13	4.97	1.18
May-26	ETP (500MW)	27.25	67.38	20.45	25.60	BLQ	27.85	1.09	22.73	BLQ	1.16	3.97	1.10
	Fire fighting House (500MW)	30.00	73.63	23.08	30.00	BLQ	30.40	1.15	22.08	BLQ	1.10	4.38	1.19
	New Guest House	25.38	58.75	18.58	23.70	BLQ	26.80	0.85	22.15	BLQ	1.07	3.71	1.08
	Pimprisekam Railway Gate	30.88	73.63	21.66	26.40	BLQ	30.54	1.12	24.04	BLQ	1.10	4.55	1.12
Jun-26	ETP (500MW)	25.25	64.88	19.90	24.30	BLQ	26.95	1.07	22.56	BLQ	1.16	1.06	3.77
	Fire fighting House (500MW)	24.00	68.38	21.78	30.35	BLQ	27.10	1.13	22.04	BLQ	1.09	1.18	4.09
	New Guest House	23.38	58.88	20.71	24.69	BLQ	25.65	0.92	22.88	BLQ	1.11	1.05	3.55
	Pimprisekam Railway Gate	28.88	72.75	22.36	24.21	BLQ	26.97	1.15	24.76	BLQ	1.11	1.12	4.09

Executive Chemist
Env. Cell BTPS

1 X 660MW																			
MONTHLY UTILISATION OF FLY ASH AT BHSAWAL TPS FOR THE PERIOD Jan-2026 to Jun-2026																			
MONTH	* COAL CONS.(MT) (Net)	ASH %	TOTAL ASH GEN.(MT)	Total Bottom Ash Generated (MT)	Total Fly Ash Generated (MT)	Dry Fly Ash Utilization (MT)			CATEGORYWISE ASH UTILISATION (MT)							Total Wet Ash Uti	Total Ash Uti (MT)	Dry Fly Ash Uti (%)	Total ASH UTI (%)
						Fly Ash Qty Lifted By 80% offtakers (Cement Companies and Others)	Fly Ash Qty Lifted By 20% offtankers (SSI)	Total DFA Utilization	AGRI / FERTILIZER (MT)	BRICKS / BLOCKS (MT)	Building/ CEMENT (MT)	ROAD / CONST. / EMBANKMENT (MT)	Ash Dyke Raising/embanknt	LAND FILL / MINE FILL (MT)	ASBESTOS(MT)				
Jan-26	255023.00	41.35	105452.01	31635.60	73816.41	60065.87	0.00	60065.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60065.87	81.37	56.96
Feb-26	242428.00	43.21	104753.14	31425.94	73327.20	59192.21	0.00	59192.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59192.21	80.72	56.51
Mar-26	269680.00	41.84	112834.11	33850.23	78983.88	62870.73	0.00	62870.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62870.73	79.60	55.72
Apr-26	256125.00	41.86	107213.93	32164.18	75049.75	56083.30	0.00	56083.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56083.30	74.73	52.31
May-26	273289.00	42.49	116120.50	34836.15	81284.35	51726.50	0.00	51726.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51726.50	63.64	44.55
Jun-26	236265.00	42.62	100696.14	30208.84	70487.30	64903.10	0.00	64903.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64903.10	92.08	64.45
TOTAL	**1532810.00**		**647069.83**	**194120.95**	**452948.88**	**354841.71**	**0.00**	**354841.71**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**354841.71**	**87.49**	**61.53**

Remarks :- Pond Ash Lifted from Ash Bund is used for Agri./Fertilizers,Bricks/Blocks,Road Const/ Embankment, Land Fill/ Mine Fill & Asbestos

Executive Chemist
Env. Cell BTPS

Dated: 07.07.2026

PHYSICAL PROGRESS REPORT - PROFORMA
FOR UNDER CONSTRUCTION UNITS SECTOR: STATE

NAME OF THE THERMAL POWER PROJECT WITH NO OF UNITS & RESPECTIVE CAPACITY: 1x660 MW Bhusawal Thermal Power Project, Unit no 06.

DEVELOPER NAME/ IMPLEMETING AGENCY: Maharashtra State Power Generation Company Ltd, Mumbai.

COMPLETE ADDRESS OF TPP: At Village Pimpari Sekam, Tal Bhusawal, Dist Jalgaon, Maharashtra, 425307.

CONTACT DETAILS OF NODAL OFFICER, NAME, EMAIL, MOBILE NO: Mr. S.M. Dhamange, Suptd. Engineer (P&P), email: cgmgpp@mahagenco.in, 8828502488.

E-GEN PORTAL REGISTRATION STATUS- YES/NO, If Yes Registration No (Unit wise):-Yes Reg no. 1200002450

Commercial Operation Date (COD) of the Unit has been declared on 22/02/2025

MAIN PLANT PACKAGE (BTG VENDOR/EPC CONTRACTOR): MAIN VENDOR (ORDER DATE)

Main EPC Contractor (BTG+BOP) for 1x660MW Bhusawal Project is M/s BHEL, LOA dated 17/01/2018.

Sl.	Packages		Vendor/Contracting Agency	No of UNIT	Date of Award/ Start date	Present Status	% Completion	Original (Scheduled) Date of Completion	Actual/*Anticipated Date of Completion
1	BOILER	CIVIL WORKS	BHEL/ Powermech	1x660MW	30/05/2019	Completed	100%	25/11/2019	Act: 15/11/2019
		STRUCTURAL WORKS	BHEL/Indwell		25/10/2019	Completed		26/01/2022	Ant: Jan-2026
		PRESSURE PARTS COMPLETION	BHEL/Indwell		25/10/2019	Completed		22/05/2021	Act: Oct-2024
2	TG	CIVIL WORKS	BHEL / Powermech	1x660MW	30/05/2019	Completed	100%	13/03/2022	Act: 11/01/2021
		STRUCTURAL WORKS	BHEL / Powermech		30/05/2019	Completed		13/03/2022	Act: Jan-2025
		PRESSURE PARTS COMPLETION (Boiler feed line piping)	BHEL/Indwell		25/10/2019	Completed		02/01/2022	Act: August- 2023
3	ESP	**PASS STATUS	BHEL/Indwell	1x660MW	25/10/2019	Completed	100%	25/03/2022	Act: 14/03/2025
4	FGD Plant (M/s Indwell)	CIVIL WORK	BHEL / Powermech/BJCL	1x660MW	30/05/2019 24/08/2019	Work in Progress	84%	10/06/2021	Ant: Feb-2026
		MATERIAL SUPPLY	BHEL		31/12/2018	Work in Progress		24/03/2021	Ant: August-2026
		ERECTION WORK	BHEL/Indwell		25/10/2019	Work in Progress		15/04/2022	Ant: August-2026

STATUS OF BOPs							
Sl.	**Packages/ Linked Project Milestones**	**Vendor/Contracting Agency**	**Date of Award/Start date**	**Present Status**	**% Completion**	**Original (Scheduled) Date of Completion**	**Actual/*Anticipated Date of Completion**
5	Chimney	BHEL / Powermech/Shreevijaya	30/05/2019	Completed	100%	28/02/2022	Act: April –2024
6	Coal Handling Plant	BHEL / PMPL/BJCL / Place Maker (Conveyor Package-Civil & Structure)	30/05/2019 24/08/2019 23/12/2021	Completed	99%	30/04/2022	Act: Mar-2026
		BHEL / MacawberBeekay Pvt Ltd. (Conveyor Package-Mechanical)	27/05/2019	Completed	99%	30/04/2022	Act: Mar-2026
		BHEL / BJCL/ Place Maker (Wagon Tripler-Civil & Structure)	24/08/2019 23/12/2021	Completed	99%	30/04/2022	Act: Dec-2025
		BHEL / Promac (Wagon Tripler-mechanical)	28/05/2019	Completed	100%	30/04/2022	Act: July 2025
		BHEL / BJCL/ (Stacker Reclaimer-Civil)	24/08/2019	Completed	100%	30/04/2022	Act: July-2024
		BHEL / Promac (Stacker Reclaimer)	28/05/2019	Completed			
7	Ash Handling Plant	BHEL / BJCL/ Place Maker (Civil)	24/08/2019 23/12/2021	Completed	100%	31/03/2022	Ant: Jan-2026
		BHEL / MacawberBeekay Pvt Ltd. (Mechanical)	27/05/2019	Completed			
8	Fuel Oil System	BHEL / PMPL (Civil)	30/05/2019	Completed	100%	21/11/2021	Act: 20 Nov-2024
		BHEL / New Fire Engineers Pvt Ltd.	19/09/2019			21/11/2021	
9	Cooling Towers	BHEL/Hayagrev civil engineering Pvt Ltd/ PCTL	01/11/2019 05/03/2022	Completed	100%	31/03/2022	Act: May 2024
10	CW Pump house	BHEL/Alpha Power Engineering Services Pvt Ltd	29/01/2021	Completed	100%	28/02/2022	Act:08 January 2024
11	CW Piping	BHEL/G&J Pvt Ltd.	03/08/2020	Completed		18/02/2022	
12	PT Plant	BHEL/Clear Water company	17/02/2020	Completed	100%	12/12/2021	Act: November-2025
13	DM Plant	BHEL/Wipro Enterprises Pvt Ltd	14/01/2020	Completed	100%	30/11/2021	Act: September-2023
14	Air Compressor	BHEL/Elgi Equipment Ltd.	24/08/2020	Completed	100%	04/11/2021	Act.: March- 2023
15	Fire Protection pump	BHEL / Alpha power engineering services	29/01/2021	Completed	100%	20/05/2021	Act:-06 January 2024

	house	Pvt Ltd					
16	Fire Protection piping	BHEL/ G&J Pvt Ltd.	03/08/2020	Work in Progress	92%	28/08/2021	Ant: Aug-2026
17	Switch Yard	MSETCL/BNC Power Projects Ltd	15/02/2021	Completed	100%	28/02/2022	Act: 25/01/2023
18	Unit Transformers	BHEL	17/01/2018	Completed	100%	20/01/2022	Act: 02/01/2025
19	Railway siding with ROB	BHEL/ISC Projects	02/01/2021	Work in Progress	92%	31/03/2022	Ant: Aug-2026
20	Air conditioning system	BHEL	30/12/2021	Completed	100%	30/12/2022	Act-Dec-2023
21	Ventilation system	BHEL	15/03/2022	Work in Progress	97%	15/03/2023	Ant: Aug-2026
22	ETP	BHEL/Clearwater	05/03/2020	Completed	100%	31/03/2022	Act: May-2026
23	STP	BHEL/Earth Water Technologies	05/03/2020	Completed	99%	31/03/2022	Act: July-2026
23	SCR	BHEL Trichy	31/12/2018	Work in Progress	82%	15/03/2022	Ant: Augest-2026
24	Power Evacuation	MSETCL/BNC Power Projects Ltd	15/02/2021	Completed	100%	28/02/2022	Act: 07/11/2023

BRIEF WRITEUP ABOUT CURRENT **STATUS OF BTG & BOPs WORK:**

- Some punch points works and rectification works of various packages are in progress.
- ROB work is in progress.
- Mandatory Spares handing over of various packages in process.
- PG test of BTG completed.
- PG test of BoP in process.

4. BRIEF WRITEUP ABOUT CURRENT **STATUS OF FGD WORK:**

1) FGD Duct- FGD Inlet & Outlet flue gas duct erection & NDT:

- Inlet gas duct-Completed and Outlet gas duct work in progress.
- Outlet duct Glass flex lining work in progress.

2) Readiness of Absorber:

- Absorber tank- Absorber tank erection work completed. Mist Eliminator Nozzel & piping erection work in progress.
- RC pump- RC pump erection work completed and Alignment work in progress. RC pump Inlet pipeline erection work completed.RC pump Inlet and Outlet pipeline erection work in progress.
- Oxidation blower pump- Oxidation blower pump erection work in progress.
- Process Water tank- Process Water tank erection work completed. Process Water pumps erection work completed and alignment work in progress. Process Water pump pipeline erection work in progress.

3) Mill Building- Limestone Grinding System:

- A & B -Wet Limestone Grinding Mill A & B - Wet Limestone Grinding Mill A & B erection work completed and Mill A alignment work completed & Mill B alignment work in progress. Hydraulic pipeline erection and Oil flushing work completed. Electrical work balance.

4) FGD Electrical work-

- HT & LT Pannel erection & Electrical charging work completed.
- Dry Type Transformer & Oil filled Transformer charged.
- Cable laying and Termination work in progress.

5) FGD Control Room:

- FGD UPS & Battery Commissioned. Field Instrumentation as per Mechanical Systems Availability is in Progress.

6) Readiness of Limestone Handling System:

- High angle conveyor 1A & 1B -Structural work completed & other work in progress.
- Limestone Crusher 1&2 - Erection work completed & alignment work in progress
- Belt feeder 1, 2, 3 & 4 - 1&2 Erection work in progress. 3&4 front not availale.
- Bucket Elevator 2A & 2B - Erection completed & Bucket Elevator alignment work in progress
- Bulk Lime Stone Silo 7 day- Erection completed.
- RBF 5 & 6 - Front not available
- Bucket Elevator 3A & 3B- Erection work completed & Drive alignment work in progress.
- Day Limestone SiloErection work completed.

7) Readiness of Gypsum Handling System:

- Gypsum bleed pump A&B- Erection work balance
- Vaccum belt system- A&B- Erection work completed
- Filtrate Water Tank- Erection work completed
- Gypsum Area Drain Sump- Glass flex lining work completed
- Waste Water Tank- Glass flex lining work completed
- Gypsum conveyor system 1A & 1B- Gypsum conveyor 1A and 1B structure erection completed
- Gypsum storage Shed- Erection work completed and Column grouting work balance.

8) FGD Erection: 2830 MT out of 3292 MT completed.

22. BRIEF WRITEUP ABOUT CURRENT **STATUS OF SCR WORK:**

1) SCR Reactor A & B- Catalyst De-Ducting System A & B:

- Reactor Layer 1 to 3- Erection work completed. Stitch welding work in progress
- Sonic Horn System- Erection work balance.
- Service Air- Blower erection work completed. Alignment work in progress.
- Ash Sweeper System- Erection work balance.
- Piping and support work- 30 % erection work completed

2) Ammonia Truck Unloading & Compressor System:

- Ammonia unloading skid erection work completed. Grouting & alignment work completed.
- Ammonia unloading pumps erection completed- trial balance.

3) Ammonia Storage Tank System:

- Tank A & B- Tank erection work completed.

4) Ammonia Forwarding System: Erection work completed & Alignment work completed - Trial balance(One Pump Trial completed)

5) Ammonia Injection System: Ammonia Injection piping work balance**.**

6) Dilution Air Supply System:

- Dilution Air Blower A & B erection work completed.

- Steam Coil Air Heater A & B- Erection work completed.

7) SCR Duct:

- SCR Inlet duct erection- Erection work completed and Stitch Welding work balance & KLT balance.
- SCR Outlet duct erection - Erection work completed and Welding work in progress, KLT balance.
- SCR duct inside frame erection- Erection completed & Stitch welding work in progress.

8) Waste Ammonia Handling System:

- Pipeline from Ammonia Forwarding line- Balance
- Pipeline from Ammonia Forwarding Pump Skid-Balance
- Pipeline from SCR Ammonia Injection System- Balance
- Pipeline from Vapor & Liquid Ammonia Unloading Skid - Balance
- Waste Ammonia Dilution Tank- Erection work completed
- Waste Water Retaining Basin & Motor Pump- Sump work completed and Pump erection balance.

9) Fire Protection System- Ammonia Area Water Spray System:

- Work in progress: Fogging System in Unloading & Truck area, Fogging System in Pump Area, Fogging System across two ammonia tanks, Sprinkler/Spray System in Ammonia Tank.

10) Common System:.

- Monorail-Monorail erection work completed
- CCOE license for Ammonia storage-Work under progress.
- SCR Platform-20% Balance.
- Structure Painting-100% Balanced

11) Erection: 3686 MT out of 4515 MT completed.

UNDER-CONSTRUCTION UNITS WISE MILESTONE DATES (ACTUAL / ANTICIPATED)				
SR. No.	MILESTONE	1x660MW		Remarks for Delay (If any)
		Original (Scheduled) Date of Completion	Actual/*Anticipated Date of Completion	
1	COMPLETION OF BOILER FOUNDATION	25/11/2019	Act: 15/11/2019	
2	START OF BOILER ERECTION	30/11/2019	Act: 22/11/2019	
3	BOILER DRUM LIFTING	NA	NA	Supercritical Technology
4	BOILER CEILING GIRDER LIFTING COMPLETION	30/06/2020	Act: 20/01/2021	
5	BOILER HYDRO TEST (DRAINABLE) COMPLETION	31/05/2021	Act: 04/11/2022	
6	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	10/11/2021	Act: 28/03/2023	
7	BOILER LIGHT UP	30/11/2021	Act: 30/03/2023	
8	CHEMICAL CLEANING COMPLETION	20/12/2021	Act: 30/06/2023	
9	STEAM BLOWING START	24/01/2022	Act: 13/09/2023	
10	STEAM BLOWING COMPLETION	19/02/2022	Act: 13/10/2023	
11	HP PIPING ERECTION START	11/05/2021	Act: 22/03/2021	
12	HP PIPING ERECTION COMPLETION	25/04/2022	Act:30.09.2024	
13	CONDENSER ERECTION START	31/10/2020	Act: 30/03/2022	
14	TG ERECTION START	30/11/2020	Act: 03/03/2022	
15	TG BOX UP	30/11/2021	Act: 10/04/2023	
16	START OF OIL FLUSHING	04/12/2021	Act: 20/08/2023	
17	ROLLING & SYNC.	31/03/2022	Act: 17/01/2024	

18	FULL LOAD	30/04/2022	Act: 20/02/2025	
19	TRIAL RUN	31/05/2022	Act: 05/03/2025	
20	COD	30/06/2022	Act: 22/02/2025	
21	PG TEST START AND COMPLETION	30/06/2022	Ant: August-26	As per BHEL Time extension

Other Details

TOTAL EXPENDITURE UPTO **May-2026 from inception: Rs. 5744.14 Cr.**

EXPENDITURE OF CURRENT MONTH (FOR WHICH PROGRESS DATA IS BEING PROVIDED): **Rs.5.16 Cr.**

REASONS OF DELAY (BTG&BOP, mention separately): 1) Due to Covid-19 pandemic, 2) Inability of subcontractors to continue the works due to steel & other consumables rate rise heavily 3) Unresolved issue of demand of price variation to civil & mechanical subcontractors by M/s. BHEL thereby frequent stoppage of works by them. 4) Inadequate deployment of manpower by M/s BHEL & sub-contractors.5) Deformation observed in spiral water wall. 6) FGD & SCR package balance work (Trial Run completed without FGD and SCR).

CRITICAL AREA/ ASSSISTANCE REQUIRED:

Change (if Any) regarding Clearances, PPA, Fuel Supply or any other matter provided in static data (provided already) or otherwise needs to be intimated immediately in this column here.

NOTE:- The Total expenditure given is excluding contractual retentions to M/s. BHEL.

Annexure

Table-I

CSR Works Under 1X 660 MW Project at Bhusawal

CSR Works In Phase- I

Sr. No.	F.Y.	Name of Work and Village	Amount Proposed In Rs.	PO No.	PO Amount with GST	Hand Over date to Name of Grampanchyat
1	Duskheda	Work for Concrete approach/internal roads & road side drain under CSR at Duskheda Tal.Raver at BTPS, Deepnagar.	2532471.16	BTPS/4500120369/15 14 Dt.27/07/2022	2101951.70	Work complection Dtd. 05/09/2022 & Handed Over To Grampanchyat
2	Fekari	Work for Concrete approach/internal roads & road side drain under CSR at Fekari Tal.Bhusawal at BTPS,Deepnagar.	2530357.78	BTPS/4500120367/15 71 Dt.04/08/2022	2252019.38	Work complection Dtd. 30/11/2022 & Handed Over To Grampanchyat
3	Gahukheda	Work for Concrete approach/internal roads & road side drain under CSR at Gahukheda, Tal. Raver at BTPS, Deepnagar.	2262153.22	BTPS/4500124703, Dtd.28.03.2023.	1820997.24	Work complection Dtd. 26/05/2023 & Handed Over To Grampanchyat
4	Jadgaon	Work for Concrete approach/internal roads & road side drain under CSR at Jaadgaon Tal. Bhusawal.	2622975.98	BTPS/4500120238/14 74 Dt.22/07/2022	2169201.08	Work complection Dtd. 24/01/2022 & Handed Over To Grampanchyat
5	Kapilnagar	Work for Concrete approach/internal roads & road side drain under CSR at Kaapil Nagar Tal.Bhusawal at BTPS,Deepnagar.	2998199.46	BTPS/4500120340/14 93 Dt.26/07/2022	2419546.34	Work complection Dtd. 15/09/2022 & Handed Over To Grampanchyat
6	Kaswa	Work for Concrete approach/internal roads & road side drain Under CSR at Kaswa Tal.Bhusawal at BTPS,Deepnagar.	2790872.28	BTPS/4500121331/18 66 Dt.20/09/2022	2352705.24	Work complection Dtd. 04/02/2023 & Handed Over To Grampanchyat
7	Kathora Bk.	Work for Concrete approach/internal roads & road side drain under CSR at Kathora BK., Tal. Bhusawal.	2301600.62	BTPS/4500119917/14 62 Dt.21/07/2022	1972241.38	Work complection Dtd. 01/03/2023 & Handed Over To Grampanchyat
8	Kathora Kh.	Work for Concrete approach/internal roads & road side drain under CSR at Kathora Kh., Tal. Bhusawal at BTPS, Deepnagar	2772473.72	BTPS/4500119918/14 61 Dt.21/07/2022	2375732.94	Work complection Dtd. 12/02/2023 & Handed Over To Grampanchyat
9	Manyarkheda	Work for Concrete approach/internal roads & road side drain Under CSR at Manyarkhede Tal.Bhusawal at BTPS,Deepnagar.	2692193.60	BTPS/4500120237 Dt 22/07/2022 1598 Dt.26/07/2022	2199522.36	Work complection Dtd. 24/12/2022 & Handed Over To Grampanchyat
10	Nimbhora Bk.	Work for Concrete approach/internal roads & road side drain under CSR at Nimbhora Bk. Tal.Bhusawal at BTPS,Deepnagar.	3000227.88	BTPS/4500121324 Dt 1861 Dt.19/09/2022	2514191.78	Work complection Dtd. 10/01/2023 & Handed Over To Grampanchyat
11	Fulgaon	Work for Concrete approach/internal roads & road side drain under CSR at Phulgaon Tal.Bhusawal at BTPS,Deepnagar.	2654930.38	BTPS/4500120338/14 94 Dt.26/07/2022	2145183.36	Work complection Dtd. 26/02/2023 & Handed Over To Grampanchyat
12	Raipur	Work for Concrete approach/internal roads & road side drain under CSR at Raipur Tal.Raver at BTPS,Deepnagar.	3131174.84	BTPS/4500120302/15 76 Dt.05/08/2022	2626115.96	Work complection Dtd. 27/02/2023 & Handed Over To Grampanchyat
13	Rangaon	Work for Concrete approach/internal roads & road side drain under CSR at Rangaon., Tal. Raver.	2266422.46	BTPS/4500120300/15 96 Dt.10/08/2022	1858466.96	Work complection Dtd. 10/01/2023 & Handed Over To Grampanchyat
14	Sakari	Work for Concrete approach/internal roads & road side drain under CSR at Sakari.	2613722.42	BTPS/4500120305/14 83 Dt.25/07/2022	2138510.46	Work complection Dtd. 05/09/2022 & Handed Over To Grampanchyat
15	Sudgaon	Work for Concrete approach/internal roads & road side drain under CSR at Sudgaon, Tal. Raver.	2653942.72	BTPS/4500120368/15 13 Dt.27/07/2022	2202773.26	Work complection Dtd. 17/02/2023 & Handed Over To Grampanchyat
16	Velhalla	Work for Concrete approach/internal roads & road side drain under CSR at Velhala Tal. Bhusawal.	2717845.62	BTPS/4500120239/14 75 Dt.22/07/2023	2191942.04	Work complection Dtd. 10/08/2022 & Handed Over To Grampanchyat
17	Pmprisekam	Work for Concrete approach/internal roads & road side drain under CSR at Pimprisekam.	1401877.76	BTPS/4500120303/14 82 Dt.25/07/2022	1167763.40	Work complection Dtd. 21/03/2023 & Handed Over To Grampanchyat
		Total Rs.	**43943441.90**		**36508864.88**	
		Rs. Say	**4.3943**		**3.6508 Crs.**	

Table- III

CSR Works Under 1X 660 MW Project at Bhusawal

CSR Works Proposed in Phase-III

Sr. No.	Name of Village	Name of Work and Village	Amount Proposed In Rs.	PO. Details	PO Amount with GST	Remark
1	Fulgaon	1x660 MW Repl. Unit- Work of allignment survey of rising main & consultancy servises for villages Fulgaon water supply scheme, Tal. Bhusawal Dist. Jalgaon	1003000	BTPS/4500121442 Dtd. 27/09/2022	1003000	Work Completed
2	Pimpriseka m & Fulgaon	Phase-III - Work of providing drinking water facility through pipeline from WTP of 210 MW to ESR at Fulgaon & Pimprisekam village under CSR scheme.	48038693.000	H.O. P.O. No. 4500131943, dtd. 15.03.2024	60399850.00	Agency M/s. Vilas Patil, Testing of Pipeline is in Progress.
		Including GST in Rs.	**49041693.00**		**61402850.00**	

Table- IV

CSR Works Under 1X 660 MW Project at Bhusawal

CSR Proposed Works In Phase-IV

Sr. No.	Name of Village	Name of Work and Village	Amount Proposed In Rs.	PO No.	PO Amount with GST	Status
1	Pimprisekam	Construction of new school building at Pimprisekam under CSR activity (Estimated Ammount Rs.8409291.00). Amt Without GST 6805825.00 Amt With GST 8030874.00	8409291.00	H.O. 4500137645 Dtd.15/10/2024.	8,030,873.50	Work in progress
2	Udali Bk.	Construction of community Hall at Udali Bk. under CSR (Estimated Ammount Rs.13581003)	13581003.00	4500136593 Dt. 29.08.2024	11,549,926.00	Work in progress
3	Anjansonde	Work for Concrete approach/internal roads under CSR at Anjansonde, Ta. Bhusawal.	1890749.40	4500144887 Dt. 03.07.2025	1,566,107.80	Work is Completed
4	Duskheda	Work for Concrete approach/internal roads under CSR at Duskheda Tal. Raver.	1803664.22	4500144249 Dt. 03.07.2025	1,451,949.88	Work is Completed
5	Fekari	Construction of concrete approach/ Internal road under CSR at Fekari Tal. Bhusawal.	1755982.78	4500144662 Dt. 01.07.2025	1,404,961.10	Work is Completed
6	Gahukheda	Work for Concrete approach/internal roads under CSR at Gahukheda Tal. Raver.	1668707.62	4500142350 Dt. 30.06.2025	1,343,308.46	Work is Completed
7	Jadgaon	Work for Concrete road side drain under CSR at Jadgaon, Ta. Bhusawal.	1668507.02	4500142334, Dtd.16/06/2025	1,355,661.88	Work is Competed
8	Kandari	Work of paving blocks under CSR at Kandari,Tal. Bhusawal.	1774381.34	4500144993, Dtd.01/07/2025	1,505,563.18	Work is Competed
9	Nimbhora Bk.	Construction of wall compound to Z.P. school & Grampanchyat office at Nimbhora Bk. Under CSR activity.	2959172.14	4500141475, Dtd.10/03/2025	2,568,562.64	Work is Completed
10	Pimprisekam	Construction of RCC drain at Pimprisekam Under CSR activity.	3174412.40	4500141229 Dtd. 08/04/2025	2,618,889.64	Work is Completed
11	Kapilnagar	Construction of wall compound to Z.P. school at Kapilnagar Under CSR activity.	1940821.52	Po. No. 4500140845 Dt. 18/02/25 O.N. 298 Dt. 20.02.25	2,028,158.04	Work is Competed
15	Manyarkheda	1) Work for Concrete road side drain under CSR at Manyarkheda, Ta. Bhusawal.	1038631.28	4500142229, Dtd.13/06/2025	843,887.62	Work is Competed
		2) Work for Chain link fencing around Z. P. School building under CSR at Manyarkheda Tal. Bhusawal.	595155.42	4500141933, Dtd.28/03/2025	531,473.18	Work is Competed
17	Raipur	1) Providing chain link fencing around Z.P. School Building at Raipur under CSR Tal. Raver.	541040.62	4500142330, Dtd.19/05/2025	449,064.34	Work is Competed
		2) work for Concrete approach/internal roads & road side drain under CSR at Raipur, Tal. Raver.	967539.82	4500142341, Dtd.01/04/2025	786,126.62	Work is Competed
18	Rangaon	Work for Concrete approach/internal roads under CSR at Rangaon., Tal. Raver.	1643365.94	4500142085, Dtd.24/03/2025	1,403,434.18	Work is Completed
20	Sudgaon	Work for Concrete approach/internal roads under CSR at Sudgaon Tal. Raver.	1727725.32	4500144996 Dtd. 06/10/2025	1,390,818.80	Work is Competed
21	Taskheda	1) Work for Chain link fencing around Z. P. School building under CSR at Taskheda Tal. Raver.	196790.96	Po. No. 4500140936 Dt. 21/02/25 O.N. 304 Dt. 21.02.25	177,702.10	Work is Competed
		2) Work for Concrete approach/internal roads under CSR at Taskheda, Ta. Raver.	1405349.32	4500142397, Dtd.10/06/2025	1131306.12	Work is Competed
		(PH-IV) Including GST in Rs.	**48742291.12**		**₹42,137,775.08**	

Table- V

CSR Works Under 1X 660 MW Project at Bhusawal

CSR Proposed Works In Phase-V

Sr. No.	Name of Village	Name of Work and Village	Amount Proposed In Rs.	PO No.	PO Amount With Tax	Remark
1	Fulgaon	Work of concrete road side drain under CSR at Fulgaon Tal. Bhusawal.	1768480.16	4500142226, Dtd.01/04/2025	1767596.34	Work will be start soon, Tharav Awaited
2	Kathora Bk.	Work for Concrete approach/ internal roads under CSR at Kathora Bk., Tal. Bhusawal.	1731502.50	4500141366, Dtd.24/03/2025	1809420.26	Work will start soon Shortly
3	Sakari	Work of concrete road side drain under CSR at Sakari Tal. Bhusawal.	1889595.36	4500147900, Dtd.31/10/2025	1530572.10	Work is Completed
4	Velhalla	Work for Concrete approach/ internal roads and road side drain under CSR at Velhalla Tal. Bhusawal.	1966967.96	4500142338, Dtd.16/06/2025	1628648.98	Work is Completed
5	Hatnur	Work for Concrete approach/internal roads & road side drain under CSR at Hatnur, Ta. Bhusawal.	1887307.34	4500142400 Dtd. 13/06/2025	1538154.78	Work is Completed
6	Savtar	Work for Concrete approach/internal roads & road side drain under CSR at Savtar, Ta. Bhusawal.	1267655.12	4500142230, Dtd.01/04/2025	1064449.68	Work is Completed
7	Nimbhora Kh.	Work for Concrete approach/internal roads & road side drain under CSR at Nimbhora Kh., Ta. Bhusawal.	1267655.12	4500140854, Dtd.21/02/2025	1267655.12	Work is Completed
8	Sakari Shivar	Work for Concrete approach/internal roads & road side drain under CSR at Sakari Shivar Ta. Bhusawal.	8604029.00	4500142445, Dtd. 27/06/2025	6969262.9	Work is Completed
9	Kandari Shivar	Work for Concrete approach/internal roads & road side drain under CSR Kandari Shivar, Ta. Bhusawal.	8960320.56	4500142443, Dtd.17/10/2025	7302661.28	Work is Completed
10	Kathora Kh.	Work for Concrete approach/internal roads under CSR at Kathora Kh., Ta. Bhusawal.	1731502.50	4500141231, Dtd.05/03/2025	1809420.26	Work is Completed
11	Khadka	Work of construction of community hall at Gat No. 49/2+3/AOP and 136 at Khadka, Tal. Bhusawal under CSR Scheme, Deepnagar, Bhusawal.	5503000.00	4500147990, Dtd.31/10/2025	5741332.48	Work in Progress
12	Velhalla	Work of renovation and modification existing 1000 LPH community water purification plants (ATM) to village Velhala, Tal. Bhusawal under CSR activity.	354000.00	4500137623, Dt.14/10/2024	353673.14	Work is completed
		Balance (PH-IV) Including GST in Rs.	**36932015.62**	**Total**	**32782847.32**	

Table- VI

CSR Works Under 1X 660 MW Project at Bhusawal

Phase - V Extra CSR Proposed Works

Sr. No.	Name of Village	Name of Work and Village	Amount Proposed In Rs.	Po No.	PO Amount With Tax	Remark
1	Velhalla	Providng consultancy services for ultra-filtration water treatment plant at Velhala village & feasibility analysia of execution of Pimprisekam pipeline up to village Kathora Bk. & Kathora Kh. Under CSR activity, at Deepnagar, Bhusawal.	354000.00	4500145709, Dtd. 01.08.2025	354000.00	Work is Completed
2	Nimbhora Kh.	Work for Suply murum of Z.P. School building Nimbhora Bk. under CSR , Tal. Bhusawal.	329884.34	4500144479, Dtd. 20.06.2025	329884.00	Work will be start soon
		Balance (PH-IV) Including GST in Rs.	**683884.34**			

Manoj

Assistant Engineer (C)
Civil Construction Division-III
MSPGCL, Bhusawal.

Executive Engineer (C)
Civil Construction Division-III
MSPGCL, Bhusawal.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : E/06/26/059	Report No. E/06/26/059	Report Date	12/06/2026
Name and address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Effluent
Sampling Location	Percolation Well of Old and New Velhara Ash Bund	Date -Sampling	04/06/2026
Sample Quantity / Packing	5 L x 1 no. plastic can 5 L x 2 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	05/06/2026
Sampling Procedure	APHA,24th Ed.,2023, 1060 B, 44 & IS 6582:1971	Date - Start of Analysis	05/06/2026
Order Reference	P.O. No. BTPS/4550028971 No. 2308 dated 07.03.2026	Date - Completion of Analysis	11/06/2026

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	Temperature	**31**	°C	APHA,24th Ed.,2550,B,149:2023
2	pH (at 25ºC)	**8**	-	IS 3025 (Part 11):2022
3	Total Suspended Solids	**130**	mg/L	IS 3025 (Part 17): 2022
4	Total Dissolved Solids	**462**	mg/L	IS 3025 (Part 16):2023
5	Free Residual Chlorine (as Cl_2)	**BLQ (LOQ:0.05)**	mg/L	APHA,24th Ed.,4500- Cl,B,349:2023
6	Free Ammonia	**BLQ (LOQ:0.1)**	mg/L	APHA, 24th Ed.,4500- NH3,B & C,424:2023
7	Sulphate (as SO_4)	**40.3**	mg/L	IS 3025 (Part 24)/Sec- 1:2022
8	Dissolved Oxygen	**5.7**	mg/L	IS 3025 (Part 38), Method No.4: 1989
9	Biochemical Oxygen Demand (3 days, 27°C)	**13**	mg/L	IS 3025 (Part 44): 2023
10	Chemical Oxygen Demand	**50**	mg/L	APHA,24th Ed.,5220-B 544 :2023
11	Fluoride (as F)	**BLQ (LOQ:0.05)**	mg/L	APHA, 24th Ed.,4500-F, D,400:2023
12	Sulphide (as H_2S)	**BLQ (LOQ:0.08)**	mg/L	APHA,24th Ed.,4500- S2,C&D, 512: 2023
13	Total Kjeldahl Nitrogen (as N)	**0.56**	mg/L	APHA,24th Ed.,4500- NH3, B& C,4246425 or F,429 & 4500 NOrg,B,452: 2023
14	Phosphate (as P)	**BLQ (LOQ:0.1)**	mg/L	APHA,24th Ed.,4500- P,E,486:2023
15	Oil & Grease	**BLQ (LOQ:1)**	mg/L	APHA,24th Ed.,5520,B,572: 2023
16	Manganese (as Mn)	**0.035**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
17	Iron (as Fe)	**0.263**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
18	Arsenic (as As)	**BLQ (LOQ:0.005)**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
19	Lead (as Pb)	**BLQ (LOQ:0.008)**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
20	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007

Sample ID : E/06/26/059	Report No. E/06/26/059	Report Date	12/06/2026

Sr.No.	Parameter	Result	Unit	Method
21	Total Chromium (as Cr)	**0.040**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
22	Copper (as Cu)	**BLQ (LOQ:0.02)**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
23	Zinc (as Zn)	**BLQ (LOQ:0.05)**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
24	Nickel (as Ni)	**0.013**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
25	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	mg/L	IS 3025 (Part 43)/Sec- 1:2022
26	Cyanide (as CN)	**BLQ (LOQ:0.001)**	mg/L	APHA, 24th Ed.,4500- CN, C&E,370&372:2023
27	Hexavalent Chromium (as Cr^{+6})	**BLQ (LOQ:0.02)**	mg/L	IS 3025 (Part 52):2003
28	Nitrate Nitrogen (as NO_3-N)	**1.24**	mg/L	APHA, 24th Ed.,4500- NO3,B,434:2023
29	Selenium (as Se)	**BLQ (LOQ:0.005)**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
30	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
31	Vanadium (as V)	**0.035**	mg/L	IS 3025(Part 2) : 2019 / ISO 11885: 2023
32	Trivalent Chromium	**0.040**	mg/L	AEC/C/SAP/INS/3-17
33	Bioassay Test	**100% survival of fish after 96 hrs in 100%water**	-	IS 6582: 1971

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID E/06/26/059 bears two Test Reports - E/06/26/059 and E/06/26/059N

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : E/06/26/059	Report No. E/06/26/059N	Report Date	12/06/2026
Name and address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Effluent
Sampling Location	Percolation Well of Old and New Velhara Ash Bund	Date -Sampling	04/06/2026
Sample Quantity / Packing	5 L x 1 no. plastic can 5 L x 2 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	05/06/2026
Sampling Procedure	APHA,24th Ed.,2023, 1060 B, 44 & IS 6582:1971	Date - Start of Analysis	05/06/2026
Order Reference	P.O. No. BTPS/4550028971 No. 2308 dated 07.03.2026	Date - Completion of Analysis	11/06/2026

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	Fixed Dissolved Solids	**372**	mg/L	APHA,24th Ed.,2540,E,147: 2023
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification Note: Sample ID E/06/26/059 bears two Test Reports - E/06/26/059 and E/06/26/059N				

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

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

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000013872F

TEST REPORT

Sample ID : W/06/26/0150	Report No. W/06/26/0150	Report Date	04/07/2026
Name and address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Bhusawal, Dist. Jalgaon - 425307,Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Surface Water
Sampling Location	Nimbhora Nallah	Date - Sampling	04/06/2026
Sample Quantity / Packing	10 L x 1 no. plastic can 1 L x 1 no. sterile glass bottle	Date - Receipt of Sample	05/06/2026
Sampling Procedure	IS 1622:1981 & APHA 24th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006,IS 6582:1971	Date - Start of Analysis	05/06/2026
Order Reference	P.O. No. BTPS/4550028971 No. 2308 dated 07.03.2026	Date - Completion of Analysis	03/07/2026

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Water, Residues and Contaminants in Water				
Physical & Chemical Parameters				
1	Temperature	**39**	°C	IS 3025 (Part 9):2023
2	pH value (at 25°C)	**7.94**	-	IS 3025 (Part 11): 2022
3	Biochemical Oxygen Demand (3 days, 27°C)	**2**	mg/L	IS 3025 (Part 44):2023
4	Chemical Oxygen Demand	**7**	mg/L	APHA, 24th Ed.,5220, B, 544:2023
5	Total Suspended Solids	**20**	mg/L	IS 3025 (Part 17),: 2022
6	Total Dissolved Solids	**444**	mg/L	IS 3025 (Part 16): 2023
7	Oil & Grease	**BLQ (LOQ:1)**	mg/L	APHA,24th Ed.,5520,B,572: 2017
8	Dissolved Oxygen	**6**	mg/L	IS 3025 (Part 38):1989
9	Chloride (as Cl)	**73**	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
10	Iron (as Fe)	**0.571**	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Fluoride (as F)	**0.60**	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
12	Calcium (as Ca)	**33**	mg/L	IS 3025 (Part 40), Method No.5:2024
13	Magnesium (as Mg)	**21**	mg/L	IS 3025 (Part 46):2023
14	Nitrate (as NO_3)	**5.05**	mg/L	IS 3025 (Part 34)Sec-1 Method No.6.4: 2023
15	Sulphate (as SO_4)	**39**	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
16	Total Alkalinity (as $CaCO_3$)	**284**	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
17	Total Hardness (as $CaCO_3$)	**170**	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
18	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
19	Sodium (as Na)	**98**	mg/L	IS 3025 (Part 45): 2024
20	Potassium (as K)	**0.92**	mg/L	IS 3025 (Part 45): 2024
21	Tannin & Lignin	**0.24**	mg/L	APHA,24th Ed.,5500,B,590: 2023
22	Silica (Total) (as SiO_2)	**3.5**	mg/L	IS 3025 (Part 35), Method No.4: 1988
23	Bicarbonate (as HCO_3)	**282**	mg/L	IS 3025 (Part 51):2023
24	Carbonate (as CO_3)	**2.30**	mg/L	IS 3025 (Part 51):2023

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000013872F

Sample ID : W/06/26/0150	Report No. W/06/26/0150	Report Date	04/07/2026

Sr.No.	Parameter	Result	Unit	Method
25	Bioassay Test	**90% survival of fish after 96 hrs in 100% water sample**	-	IS 6582:1971
Biological Testing; Group: Water				
Microbiological Parameters				
26	Standard Plate Count (35°C, 48h)	**1.2×10^4**	CFU/ml	APHA, 24th Ed., 9215-B, 1120: 2023
27	*Escherichia coli*	**<1.8**	MPN Index /100 ml	APHA,24th Ed.,9221- G,1144: 2023
28	Yeast and Mould Count (25°C, 7 days)	**<1**	CFU/ml	APHA, 24th Ed.,9610-C,: 2023
29	Sulphate Reducing Bacteria	**<2**	MPN Index /100ml	IS 1622:1981

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID W/06/26/0150 bears two Test Reports -W/06/26/0150 and W/06/26/0150N

Sonali Kapse
Section-In-charge (Biological)
Reviewed & Authorised by

Saanvi Dalal
Section In-charge (Chemical)
Reviewed & Authorised by

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0150	Report No. W/06/26/0150N	Report Date	04/07/2026
Name and address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Bhusawal, Dist. Jalgaon - 425307,Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Surface Water
Sampling Location	Nimbhora Nallah	Date - Sampling	04/06/2026
Sample Quantity / Packing	10 L x 1 no. plastic can 1 L x 1 no. sterile glass bottle	Date - Receipt of Sample	05/06/2026
Sampling Procedure	IS 1622:1981 & APHA 24th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006,IS 6582:1971	Date - Start of Analysis	05/06/2026
Order Reference	P.O. No. BTPS/4550028971 No. 2308 dated 07.03.2026	Date - Completion of Analysis	03/07/2026

Sr.No.	Parameter	Result	Unit	Method
Biological Testing; Group: Water				
Microbiological Parameters				
1	Acid Producing Bacteria	**Absent**	/100 ml	APHA,24th Ed.,9221- G,1144: 2023
2	Iron Reducing Bacteria	**Absent**	/100 ml	IS 1622:1981, Ed 2.4, Amd. 1, 2, 3 & 4, (3.6.2), Page no. 16
3	Manganese Bacteria	**Absent**	/100 ml	Elsevier-Sciencedirect water research 44(2010)
4	Nitrifying Bacteria	**<1.8**	MPN Index /100 ml	APHA, 24th Ed., 9245A, 1221:2023
5	Slime formers (Pseudomonas and Enterobacter)	**Absent**	/100 ml	IS 1622:1981,Ed., 2.4, Amd. 1, 2, 3 & 4, (3.10), Page No. 18

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID W/06/26/0150 bears two Test Reports -W/06/26/0150 and W/06/26/0150N

Sonali Kapse
Section-In-charge (Biological)
Reviewed & Authorised by

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000013873F

TEST REPORT

Sample ID : W/06/26/0151	Report No. W/06/26/0151	Report Date	04/07/2026
Name and address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Bhusawal, Dist. Jalgaon - 425307,Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Surface Water
Sampling Location	Velhala Lake	Date - Sampling	04/06/2026
Sample Quantity / Packing	10 L x 1 no. plastic can 1 L x 1 no. sterile glass bottle	Date - Receipt of Sample	05/06/2026
Sampling Procedure	IS 1622:1981 & APHA 24th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006,IS 6582:1971	Date - Start of Analysis	05/06/2026
Order Reference	P.O. No. BTPS/4550028971 No. 2308 dated 07.03.2026	Date - Completion of Analysis	03/07/2026

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Water, Residues and Contaminants in Water				
Physical & Chemical Parameters				
1	Temperature	**40.2**	°C	IS 3025 (Part 9):2023
2	pH value (at 25°C)	**8.26**	-	IS 3025 (Part 11): 2022
3	Biochemical Oxygen Demand (3 days, 27°C)	**2**	mg/L	IS 3025 (Part 44):2023
4	Chemical Oxygen Demand	**9**	mg/L	APHA, 24th Ed.,5220, B, 544:2023
5	Total Suspended Solids	**20**	mg/L	IS 3025 (Part 17),: 2022
6	Total Dissolved Solids	**470**	mg/L	IS 3025 (Part 16): 2023
7	Oil & Grease	**BLQ (LOQ:1)**	mg/L	APHA,24th Ed.,5520,B,572: 2017
8	Dissolved Oxygen	**5.8**	mg/L	IS 3025 (Part 38):1989
9	Chloride (as Cl)	**75**	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
10	Iron (as Fe)	**0.323**	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Fluoride (as F)	**0.56**	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
12	Calcium (as Ca)	**34**	mg/L	IS 3025 (Part 40), Method No.5:2024
13	Magnesium (as Mg)	**21**	mg/L	IS 3025 (Part 46):2023
14	Nitrate (as NO_3)	**4.61**	mg/L	IS 3025 (Part 34)Sec-1 Method No.6.4: 2023
15	Sulphate (as SO_4)	**42**	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
16	Total Alkalinity (as $CaCO_3$)	**286**	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
17	Total Hardness (as $CaCO_3$)	**174**	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
18	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
19	Sodium (as Na)	**84.3**	mg/L	IS 3025 (Part 45): 2024
20	Potassium (as K)	**0.75**	mg/L	IS 3025 (Part 45): 2024
21	Tannin & Lignin	**0.23**	mg/L	APHA,24th Ed.,5500,B,590: 2023
22	Silica (Total) (as SiO_2)	**8.4**	mg/L	IS 3025 (Part 35), Method No.4: 1988
23	Bicarbonate (as HCO_3)	**276**	mg/L	IS 3025 (Part 51):2023
24	Carbonate (as CO_3)	**10.1**	mg/L	IS 3025 (Part 51):2023

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000013873F

Sample ID : W/06/26/0151	Report No. W/06/26/0151	Report Date	04/07/2026

Sr.No.	Parameter	Result	Unit	Method
25	Bioassay Test	**90% survival of fish after 96 hrs in 100% water sample**	-	IS 6582:1971
Biological Testing; Group: Water				
Microbiological Parameters				
26	Standard Plate Count (35°C, 48h)	**1.5 x 10³**	CFU/ml	APHA, 24th Ed., 9215-B, 1120: 2023
27	*Escherichia coli*	**<1.8**	MPN Index /100 ml	APHA,24th Ed.,9221- G,1144: 2023
28	Yeast and Mould Count (25ºC, 7 days)	**<1**	CFU/ml	APHA, 24th Ed.,9610-C,: 2023
29	Sulphate Reducing Bacteria	**<2**	MPN Index /100ml	IS 1622:1981

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID W/06/26/0151 bears two Test Reports -W/06/26/0151 and W/06/26/0151N

Sonali Kapse
Section-In-charge (Biological)
Reviewed & Authorised by

Saanvi Dalal
Section In-charge (Chemical)
Reviewed & Authorised by

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0151	Report No. W/06/26/0151N	Report Date	04/07/2026
Name and address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Bhusawal, Dist. Jalgaon - 425307,Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Surface Water
Sampling Location	Velhala Lake	Date - Sampling	04/06/2026
Sample Quantity / Packing	10 L x 1 no. plastic can 1 L x 1 no. sterile glass bottle	Date - Receipt of Sample	05/06/2026
Sampling Procedure	IS 1622:1981 & APHA 24th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006,IS 6582:1971	Date - Start of Analysis	05/06/2026
Order Reference	P.O. No. BTPS/4550028971 No. 2308 dated 07.03.2026	Date - Completion of Analysis	03/07/2026

Sr.No.	Parameter	Result	Unit	Method
Biological Testing; Group: Water				
Microbiological Parameters				
1	Acid Producing Bacteria	**Absent**	/100 ml	APHA,24th Ed.,9221- G,1144: 2023
2	Iron Reducing Bacteria	**Absent**	/100 ml	IS 1622:1981, Ed 2.4, Amd. 1, 2, 3 & 4, (3.6.2), Page no. 16
3	Manganese Bacteria	**Absent**	/100 ml	Elsevier-Sciencedirect water research 44(2010)
4	Nitrifying Bacteria	**<1.8**	MPN Index /100 ml	APHA, 24th Ed., 9245A, 1221:2023
5	Slime formers (Pseudomonas and Enterobacter)	**Absent**	/100 ml	IS 1622:1981,Ed., 2.4, Amd. 1, 2, 3 & 4, (3.10), Page No. 18

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID W/06/26/0151 bears two Test Reports -W/06/26/0151 and W/06/26/0151N

Sonali Kapse
Section-In-charge (Biological)
Reviewed & Authorised by

End of Report

Note:
1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014561F

TEST REPORT

Sample ID: W/06/26/0280	Report No.: W/06/26/0280	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village - Susri (Mr. Nivrutti Namdev Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.66**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**6**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**10**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**590**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**6.1**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.215**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.5**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**99.6**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014561F

Sample ID: W/06/26/0280	Report No.: W/06/26/0280	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**0.102**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.085**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0280 bears two Test Reports W/06/26/0280 and W/06/26/0280N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0280	Report No.: W/06/26/0280N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village - Susri (Mr. Nivrutti Namdev Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**420**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0280 bears two Test Reports - W/06/26/0280 and W/06/26/0280N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014562F

TEST REPORT

Sample ID: W/06/26/0281	Report No.: W/06/26/0281	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village-Sakari (Gram Panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.67**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.30**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**8**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**10**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**590**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.179**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.55**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**136**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014562F

Sample ID: W/06/26/0281	Report No.: W/06/26/0281	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-1: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**0.102**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-1: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.026**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.077**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.026**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**100 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0281 bears two Test Reports - W/06/26/0281 and W/06/26/0281N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0281	Report No.: W/06/26/0281N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village-Sakari (Gram Panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**420**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0281 bears two Test Reports - W/06/26/0281 and W/06/26/0281N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014563F

TEST REPORT

Sample ID: W/06/26/0282	Report No.: W/06/26/0282	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Bore well Village- Jadgaon (Mr. Sambhaji Rajendra Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**30.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.67**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**7**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**14**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**556**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.59**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.48**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**139**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014563F

Sample ID: W/06/26/0282	Report No.: W/06/26/0282	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.087**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0282 bears two Test Reports: W/06/26/0282 and W/06/26/0282N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0282	Report No.: W/06/26/0282N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Bore well Village- Jadgaon (Mr. Sambhaji Rajendra Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**438**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0282 bears two Test Reports - W/06/26/0282 and W/06/26/0282N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014564F

TEST REPORT

Sample ID: W/06/26/0283	Report No.: W/06/26/0283	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Kathora (Mr. Vitthal Eknath Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.69**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.29**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**6**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**9**	Not specified	Not specified	mg/L	IS 3025 (Part 17).: 2022
8.	Total Dissolved Solids	**592**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.9**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.5**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**141**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014564F

Sample ID: W/06/26/0283	Report No.: W/06/26/0283	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C. 424 & 425 or F. 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**0.011**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.022**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.078**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.022**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**100 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0283 bears two Test Reports - W/06/26/0283 and W/06/26/0283N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0283	Report No.: W/06/26/0283N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Kathora (Mr. Vitthal Eknath Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**424**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0283 bears two Test Reports - W/06/26/0283 and W/06/26/0283N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014565F

TEST REPORT

Sample ID: W/06/26/0284	Report No.: W/06/26/0284	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Manyarkheda (Mr. Prashant Bonde)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature		-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.56**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**9**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**12**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**590**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**6.1**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3.B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**95.4**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014565F

Sample ID: W/06/26/0284	Report No.: W/06/26/0284	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.086**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0284 bears two Test Reports - W/06/26/0284 and W/06/26/0284N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0284	Report No.: W/06/26/0284N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Manyarkheda (Mr. Prashant Bonde)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl,G, 357: 2023
2.	Fixed Dissolved Solid	**420**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0284 bears two Test Reports - W/06/26/0284 and W/06/26/0284N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014566F

TEST REPORT

Sample ID: W/06/26/0285	Report No.: W/06/26/0285	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Susari (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.57**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.31**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**7**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**14**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**584**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.9**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**5.3**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**99.6**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014566F

Sample ID: W/06/26/0285	Report No.: W/06/26/0285	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.022**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.077**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.022**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0285 bears two Test Reports - W/06/26/0285 and W/06/26/0285N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0285	Report No.: W/06/26/0285N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Susari (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**420**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0285 bears two Test Reports - W/06/26/0285 and W/06/26/0285N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014567F

TEST REPORT

Sample ID: W/06/26/0286	Report No.: W/06/26/0286	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Sakari (Mr. Milind Jagannath Nehete)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.63**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.30**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**8**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**9**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**530**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.78**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**99.1**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014567F

Sample ID: W/06/26/0286	Report No.: W/06/26/0286	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.110**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0286 bears two Test Reports - W/06/26/0286 and W/06/26/0286N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: W/06/26/0286	Report No.: W/06/26/0286N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Sakari (Mr. Milind Jagannath Nehete)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**404**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0286 bears two Test Reports - W/06/26/0286 and W/06/26/0286N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants * Laboratory Services Division *

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014568F

TEST REPORT

Sample ID: W/06/26/0287	Report No.: W/06/26/0287	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Velhala (Mr.Prabhakar Talele)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.74**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**7**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**10**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**542**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**6.1**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.59**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**142**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014568F

Sample ID: W/06/26/0287	Report No.: W/06/26/0287	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.011**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**100 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0287 bears two Test Reports - W/06/26/0287 and W/06/26/0287N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: W/06/26/0287	Report No.: W/06/26/0287N	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Velhala (Mr.Prabhakar Talele)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G. 357: 2023
2.	Fixed Dissolved Solid	**418**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0287 bears two Test Reports - W/06/26/0287 and W/06/26/0287N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014569F

TEST REPORT

Sample ID: W/06/26/0288	Report No.: W/06/26/0288	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village-Velhala (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.70**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.29**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**7**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**12**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**584**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**6.1**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.59**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.53**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**98.8**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014569F

Sample ID: W/06/26/0288	Report No.: W/06/26/0288	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**0.012**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.024**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.100**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.024**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.
Note: Sample ID W/06/26/0288 bears two Test Reports - W/06/26/0288 and W/06/26/0288N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: W/06/26/0288	Report No.: W/06/26/0288N	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Velhala (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**438**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0288 bears two Test Reports - W/06/26/0288 and W/06/26/0288N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014570F

TEST REPORT

Sample ID: W/06/26/0289	Report No.: W/06/26/0289	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Jadgaon (Mr. Shravan Ramlal Bodade)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.75**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**6**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**10**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**552**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**6.1**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.63**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.3**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**136**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014570F

Sample ID: W/06/26/0289	Report No.: W/06/26/0289	Report Date	18/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.072**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0289 bears two Test Reports - W/06/26/0289 and W/06/26/0289N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: W/06/26/0289	Report No.: W/06/26/0289N	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Jadgaon (Mr. Shravan Ramlal Bodade)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**420**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0289 bears two Test Reports - W/06/26/0289 and W/06/26/0289N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014571F

TEST REPORT

Sample ID: W/06/26/0290	Report No.: W/06/26/0290	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Kinhi (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.70**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.30**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**9**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**8**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**574**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.61**	Max. 1	- Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.43**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**139**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014571F

Sample ID: W/06/26/0290	Report No.: W/06/26/0290	Report Date	18/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.023**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.100**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.023**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**100 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0290 bears two Test Reports - W/06/26/0290 and W/06/26/0290N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: W/06/26/0290	Report No.: W/06/26/0290N	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Kinhi (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**436**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0290 bears two Test Reports - W/06/26/0290 and W/06/26/0290N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014572F

TEST REPORT

Sample ID: W/06/26/0291	Report No.: W/06/26/0291	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village - Kinhi (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.61**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**8**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**12**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**574**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**6.1**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.36**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**146**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants ★ Laboratory Services Division ★

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014572F

Sample ID: W/06/26/0291	Report No.: W/06/26/0291	Report Date	18/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**0.92**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**0.012**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.026**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.068**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.026**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0291 bears two Test Reports - W/06/26/0291 and W/06/26/0291N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID: W/06/26/0291	Report No.: W/06/26/0291N	Report Date	18/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village - Kinhi (Gramp panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**442**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0291 bears two Test Reports - W/06/26/0291 and W/06/26/0291N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014249F

TEST REPORT

Sample ID : W/06/26/0268	Report No.: W/06/26/0268	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open well Village -Anjansonda (Mr. Ramrao Jagdev Chaudhari)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.90**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**9**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**9**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**620**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.9**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.61**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.161**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.5**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014249F

Sample ID : W/06/26/0268	Report No.: W/06/26/0268	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**137**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**0.012**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.035**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.081**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.035**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**100 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0268 bears two Test Reports W/06/26/0268 and W/06/26/0268N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0268	Report No.: W/06/26/0268N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village -Anjansonda (Mr.Ramrao Jagdev Chaudhari)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**456**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0268 bears two Test Reports - W/06/26/0268 and W/06/26/0268N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014254F

TEST REPORT

Sample ID: W/06/26/0273	Report No.: W/06/26/0273	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Anjansonda (Gram panchyat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**8.02**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.30**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**7**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**10**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**568**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.8**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.58**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.175**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.5**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014254F

Sample ID: W/06/26/0273	Report No.: W/06/26/0273	Report Date	17/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**138**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.034**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.090**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.034**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0273 bears two Test Reports - W/06/26/0273 and W/06/26/0273N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0273	Report No.: W/06/26/0273N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Anjansonda (Gram panchyat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**460**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0273 bears two Test Reports - W/06/26/0273 and W/06/26/0273N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014564F

TEST REPORT

Sample ID: W/06/26/0283	Report No.: W/06/26/0283	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Kathora (Mr. Vitthal Eknath Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.69**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.29**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**6**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**9**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**592**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.9**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.5**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**141**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014564F

Sample ID: W/06/26/0283	Report No.: W/06/26/0283	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 4.25 or F, 4.29 & 4500-N org, B 4.52:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**0.011**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.022**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.078**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.022**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**100 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0283 bears two Test Reports : W/06/26/0283 and W/06/26/0283N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0283	Report No.: W/06/26/0283N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open Well Village- Kathora (Mr. Vitthal Eknath Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**424**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0283 bears two Test Reports - W/06/26/0283 and W/06/26/0283N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014259F

TEST REPORT

Sample ID: W/06/26/0278	Report No.: W/06/26/0278	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Kathora (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.73**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.29**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**9**	Not specified	Not specified	mg/L	APHA. 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**8**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**580**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.59**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.111**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**5.2**	Not specified	Not specified	mg/L	APHA.24th Ed.,4500- NO3.B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
18.	Sulphate (as SO4)	**137**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014259F

Sample ID : W/06/26/0278	Report No.: W/06/26/0278	Report Date	14/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C. 424 & 425 or F. 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.082**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0278 bears two Test Reports - W/06/26/0278 and W/06/26/0278N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note: 1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0278	Report No.: W/06/26/0278N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Kathora (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**448**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0278 bears two Test Reports - W/06/26/0278 and W/06/26/0278N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014258F

TEST REPORT

Sample ID: W/06/26/0277	Report No.: W/06/26/0277	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell village - Pimprisekam (Gram panchyat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.69**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**9**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**11**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**590**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.58**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**BLQ (LOQ:0.06)**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- NO3.B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014258F

Sample ID : W/06/26/0277	Report No.: W/06/26/0277	Report Date	14/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**137**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**BLQ (LOQ:0.01)**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0277 bears two Test Reports - W/06/26/0277 and W/06/26/0277N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0277	Report No.: W/06/26/0277N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village - Pimprisekam (Gram panchyat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G. 357: 2023
2.	Fixed Dissolved Solid	**430**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0277 bears two Test Reports - W/06/26/0277 and W/06/26/0277N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants ★ Laboratory Services Division ★

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

AEC/F/REP/1-A
Page 1 of 1

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014253F

TEST REPORT

Sample ID: W/06/26/0272	Report No.: W/06/26/0272	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Openwell Village Pimprisekami (Mr. Brijlal Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.94**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**7**	Not specified	Not specified	mg/L	APHA. 24th Ed.,5220. B, 544:2023
7.	Total Suspended Solids	**10**	Not specified	Not specified	mg/L	IS 3025 (Part 17).: 2022
8.	Total Dissolved Solids	**606**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.9**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3. B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.59**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.114**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3.B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0272	Report No.: W/06/26/0272N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Openwell Village Pimprisekami (Mr. Brijlal Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**442**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0272 bears two Test Reports - W/06/26/0272 and W/06/26/0272N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014252F

TEST REPORT

Sample ID: W/06/26/0271	Report No.: W/06/26/0271	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Openwell Village – Fulgaon (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.88**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.29**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**8**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**12**	Not specified	Not specified	mg/L	IS 3025 (Part 17).: 2022
8.	Total Dissolved Solids	**592**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.8**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.62**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.193**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014252F

Sample ID : W/06/26/0271	Report No.: W/06/26/0271	Report Date	17/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**138**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.035**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.103**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.035**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**100 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification
Note: Sample ID W/06/26/0271 bears two Test Reports W/06/26/0271 and W/06/26/0271N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants * Laboratory Services Division *

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0271	Report No.: W/06/26/0271N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Openwell Village – Fulgaon (Gram panchayat)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl,G, 357: 2023
2.	Fixed Dissolved Solid	**440**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0271 bears two Test Reports - W/06/26/0271 and W/06/26/0271N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014257F

TEST REPORT

Sample ID: W/06/26/0276	Report No.: W/06/26/0276	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Fulgaon (Mr. Santosh Tukaram Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**30.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.53**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.29**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**7**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**13**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**550**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**6.1**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.61**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.091**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014257F

Sample ID : W/06/26/0276 | Report No.: W/06/26/0276 | Report Date 17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**142**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.099**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0276 bears two Test Reports - W/06/26/0276 and W/06/26/0276N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0276	Report No.: W/06/26/0276N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Fulgaon (Mr. Santosh Tukaram Patil)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**410**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0276 bears two Test Reports - W/06/26/0276 and W/06/26/0276N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014256F

TEST REPORT

Sample ID: W/06/26/0275	Report No.: W/06/26/0275	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Fekari (Mrs.Komal Purushottam Bhirud)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.97**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**6**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**14**	Not specified	Not specified	mg/L	IS 3025 (Part 17).: 2022
8.	Total Dissolved Solids	**592**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.86**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014256F

Sample ID: W/06/26/0275	Report No.: W/06/26/0275	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**138**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C, 424 & 425 or F, 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.082**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0275 bears two Test Reports W/06/26/0275 and W/06/26/0275N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0275	Report No.: W/06/26/0275N	Report Date	14/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village- Fekari (Mrs.Komal Purushottam Bhirud)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	13/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G. 357: 2023
2.	Fixed Dissolved Solid	**426**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0275 bears two Test Reports - W/06/26/0275 and W/06/26/0275N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014251F

TEST REPORT

Sample ID : W/06/26/0270	Report No.: W/06/26/0270	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Openwell Village- Fekari (Mr.Arun Anand Bhirud)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**29.2**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.96**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.30**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**6**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**8**	Not specified	Not specified	mg/L	IS 3025 (Part 17).: 2022
8.	Total Dissolved Solids	**574**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.6**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.60**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.085**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Engineers & Consultants
Laboratory Services Division
TC-5509
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014251F

Sample ID : W/06/26/0270 | Report No.: W/06/26/0270 | Report Date 17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**141**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 4225 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.090**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0270 bears two Test Reports - W/06/26/0270 and W/06/26/0270N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0270	Report No.: W/06/26/0270N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Openwell Village- Fekari (Mr. Arun Anand Bhirud)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**456**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0270 bears two Test Reports - W/06/26/0270 and W/06/26/0270N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Engineers & Consultants
Laboratory Services Division
TC-5509
Indira Nagar, Nashik-422009, Maharashtra,
(Near Guru Gobind Singh School, Near Pandav Na
Turn at Sai Mandir Chowk / Samrat Sweet Turnin
sales@ashwamedh.net +91-253-2392

ULR-TC550926000014255F

TEST REPORT

Sample ID: W/06/26/0274	Report No.: W/06/26/0274	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village-Nimbhora bk (Laxman Building)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**7.99**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.28**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**8**	Not specified	Not specified	mg/L	APHA, 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**12**	Not specified	Not specified	mg/L	IS 3025 (Part 17),: 2022
8.	Total Dissolved Solids	**590**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.9**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.59**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.140**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.8**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road,
Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari,
Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014255F

Sample ID : W/06/26/0274	Report No.: W/06/26/0274	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**138**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3, B & C, 424 & 425 or F, 429 & 4500-N org, B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-1: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-1:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-1: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**BLQ (LOQ:0.01)**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**BLQ (LOQ:0.02)**	BLQ Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.081**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification
Note: Sample ID W/06/26/0274 bears two Test Reports W/06/26/0274 and W/06/26/0274N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0274	Report No.: W/06/26/0274N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell Village-Nimbhora bk (Laxman Building)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl.G, 357: 2023
2.	Fixed Dissolved Solid	**422**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0274 bears two Test Reports - W/06/26/0274 and W/06/26/0274N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants ★ Laboratory Services Division ★

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014250F

TEST REPORT

Sample ID : W/06/26/0269	Report No.: W/06/26/0269	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open well Village-Nimbhora bk (Ganesh Temple)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 2308 dated 07.03.2026	Date - Completion of Analysis	16/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Temperature	**28.5**	-	-	°C	IS 3025 (Part 9):2023
2.	Colour	**1**	Max. 5	Max.15	Hazen Units	IS 3025 (Part 4), Method No.4: 2021
3.	pH Value	**8.01**	6.5 - 8.5	No relaxation	-	IS 3025 (Part 11):2022
4.	Turbidity	**0.29**	Max. 1	Max.5	NTU	IS 3025 (Part 10):2023
5.	Biochemical Oxygen Demand (3 days, 27°C)	**2**	Not specified	Not specified	mg/L	IS 3025 (Part 44): 2023
6.	Chemical Oxygen Demand	**9**	Not specified	Not specified	mg/L	APHA. 24th Ed.,5220, B, 544:2023
7.	Total Suspended Solids	**8**	Not specified	Not specified	mg/L	IS 3025 (Part 17).: 2022
8.	Total Dissolved Solids	**558**	Max. 500	Max. 2000	mg/L	IS 3025 (Part 16): 2023
9.	Dissolved Oxygen	**5.8**	Not specified	Not specified	mg/L	IS 3025 (Part 38), Method No.4: 1989
10.	Oil & Grease	**BLQ (LOQ:1)**	Not specified	Not specified	mg/L	IS 3025 (Part 39) Method No.5: 2021
11.	Free Ammonia	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500-NH3, B & C 424:2023
12.	Copper (as Cu)	**BLQ (LOQ:0.02)**	Max.0.05	Max.1.5	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
13.	Fluoride (as F)	**0.61**	Max. 1	Max.1.5	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
14.	Iron (as Fe)	**0.118**	Max.1.0	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
15.	Manganese (as Mn)	**BLQ (LOQ:0.02)**	Max.0.1	Max.0.3	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
16.	Nitrate Nitrogen (as NO_3-N)	**4.4**	Not specified	Not specified	mg/L	APHA,24th Ed.,4500- NO3,B, 434: 2023
17.	Selenium (as Se)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007

Ashwamedh Engineers & Consultants
Laboratory Services Division

Ashwamedh
Engineers & Consultants
Laboratory Services Division
TC-5509
Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

ULR-TC550926000014250F

Sample ID : W/06/26/0269	Report No.: W/06/26/0269	Report Date	17/06/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
18.	Sulphate (as SO4)	**146**	Max. 200	Max.400	mg/L	ISO-15923-2:2017/IS 3025 (Part 83):2024
19.	Sulphide (as H_2S)	**BLQ (LOQ:0.025)**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 29), Method No.2:2022
20.	Total Kjeldahl Nitrogen	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	APHA 24th Ed., 4500 NH3. B & C. 424 & 425 or F. 429 & 4500-N org. B 452:2023
21.	Phenolic Compounds (as C_6H_5OH)	**BLQ (LOQ:0.001)**	Max. 0.001	Max.0.002	mg/L	IS 3025 (Part 43)/Sec-I: 2022
22.	Total Phosphate (as P)	**BLQ (LOQ:0.1)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
23.	Zinc (as Zn)	**BLQ (LOQ:0.05)**	Max. 5	Max.15	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
24.	Chromium (Hexa) (as Cr+6)	**BLQ (LOQ:0.02)**	Not specified	Not specified	mg/L	ISO-15923-I:2017/IS 3025 (Part 82):2024
25.	Cadmium (as Cd)	**BLQ (LOQ:0.002)**	Max. 0.003	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
26.	Cyanide (as CN)	**BLQ (LOQ:0.001)**	Max.0.05	No relaxation	mg/L	IS 3025 (Part 27)/Sec-I: 2021
27.	Lead (as Pb)	**BLQ (LOQ:0.008)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
28.	Mercury (as Hg)	**BLQ (LOQ:0.0008)**	Max. 0.001	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
29.	Nickel (as Ni)	**0.01**	Max.0.02	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
30.	Arsenic (as As)	**BLQ (LOQ:0.005)**	Max. 0.01	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
31.	Chromium (as Cr)	**0.02**	Max. 0.05	No relaxation	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
32.	Vanadium (as V)	**0.072**	Not specified	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11885: 2007
33.	Chromium (Trivalent)	**0.02**	Not specified	Not specified	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
34.	Bioassay Test	**90 % Survival of fish after 96 hour in 100% water sample**	Not specified	Not specified	-	IS 6582:1971

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0269 bears two Test Reports - W/06/26/0269 and W/06/26/0269N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.

Ashwamedh
Engineers & Consultants
Laboratory Services Division

Ashwamedh Engineers & Consultants
Survey No.102, Plot No.26, Wadala Pathardi Road, Indira Nagar, Nashik-422009, Maharashtra, India
(Near Guru Gobind Singh School, Near Pandav Nagari, Turn at Sai Mandir Chowk / Samrat Sweet Turning)
sales@ashwamedh.net +91-253-2392225

TEST REPORT

Sample ID : W/06/26/0269	Report No.: W/06/26/0269N	Report Date	17/06/2026
Name and Address of Customer	**Maharashtra State Power Generation Company Ltd.** 2 x 500 MW, Bhusawal Thermal Power Station, Deepnagar, Tal. Bhusawal, Dist. Jalgaon - 425307, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Open well Village-Nimbhora bk (Ganesh Temple)	Date – Sampling	09/06/2026
Sample Quantity/ Packing	10 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	10/06/2026
Sampling Procedure	APHA 24th Ed., 2023, 1060 B, 44, IS 6582:1971	Date - Start of Analysis	10/06/2026
Order Reference	P.O. No. BTPS/4550028971 /No. 0002 dated 07.03.2026	Date - Completion of Analysis	16/03/2026

Sr. No.	Parameter	Result	Drinking Water Specification as per IS 10500: 2012		Unit	Method
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
Chemical Testing; Group: Water, Residues and Contaminants in Water						
Physical & Chemical Parameters						
1.	Total Residual Chlorine	**BLQ (LOQ:0.05)**	Not specified	Not specified	mg/L	APHA 24th Ed.,4500- Cl,G, 357: 2023
2.	Fixed Dissolved Solid	**430**	Not specified	Not specified	mg/L	IS 3025 (Part 18):1984

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.
Note: Sample ID W/06/26/0269 bears two Test Reports - W/06/26/0269 and W/06/26/0269N.

Ninad Soundankar
Technical Manager (Chemical)
Reviewed & Authorised by

Ashwamedh Engineers & Consultants
Laboratory Services Division

End of Report

Note:
1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.