



SEIL Energy India Limited

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SEIL P1/MoEF&CC/Chennai/2025/004
28th November 2025

To
The Regional Director,
Regional Office (South Eastern Region),
Ministry of Environment, Forests & Climate Change,
1st & 2nd Floor, HEPC Building, No. 34, Cathedral Garden Road,
Nungambakkam,
Chennai – 600034.

Sub.: Submission of Half Yearly Environment Clearance (EC) Compliance Report of SEIL Energy India Limited Project-1 for the period from April 2025 to September 2025

Ref.: EC Letter No: J 13012/02/2009— IA.II (T) dated 04-11-2009, amended dated 02.03.2015

Dear Sir,

As per the provision of Environment Clearance, we hereby submit the half yearly EC compliance status report for the period of April 2025 to September 2025 of SEIL Energy India Limited Project-1, Nellore.

Hope the above is in order.

Thanking you,

Yours faithfully,
For **M/s. SEIL Energy India Limited,**

Gnanadesigan N
Head HSE- SEIL

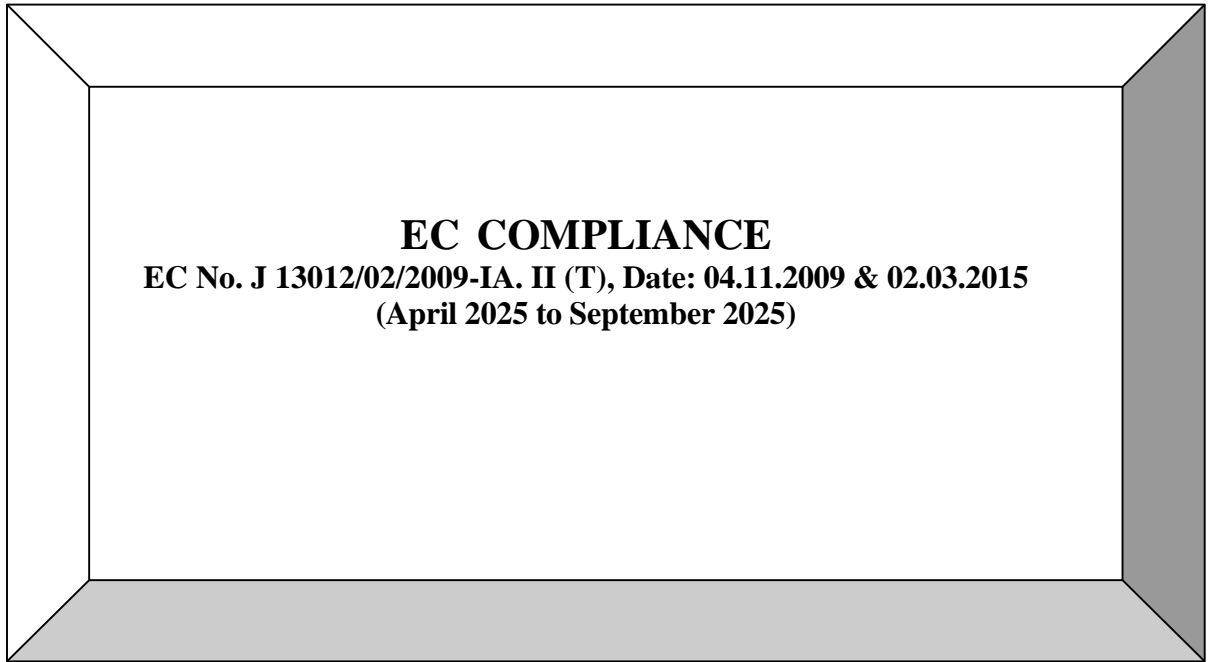
Encl: As above

Copy To:

1. The Director, IA.I, MoEF&CC, New Delhi
2. The Additional Director/ Scientist 'E', MoEF&CC, Sub-Office, Vijayawada
3. The Regional Officer, APPCB, Nellore

*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015

01. Background:

SEIL Energy India Ltd Project-1 is a leading independent thermal power plant situated in Nellore district of Andhra Pradesh.

At SEIL currently, Stage-I power plant consisting of 2x660 MW is under operation since October 2015.

The location map and key map are shown in **Figure-1** & **Figure-2** respectively. The 10 km radius topographical map around the project is shown in **Figure-3**. The latitude & longitude of North South extremes of Site are 80°08'35.956''E & 14°19'5.211''N and 80°09'16.325''E & 14°21'0.874''N respectively.

Fig. - 1 (LOCATION MAP)



Fig. - 2 (KEY MAP OF PROJECT SITE)

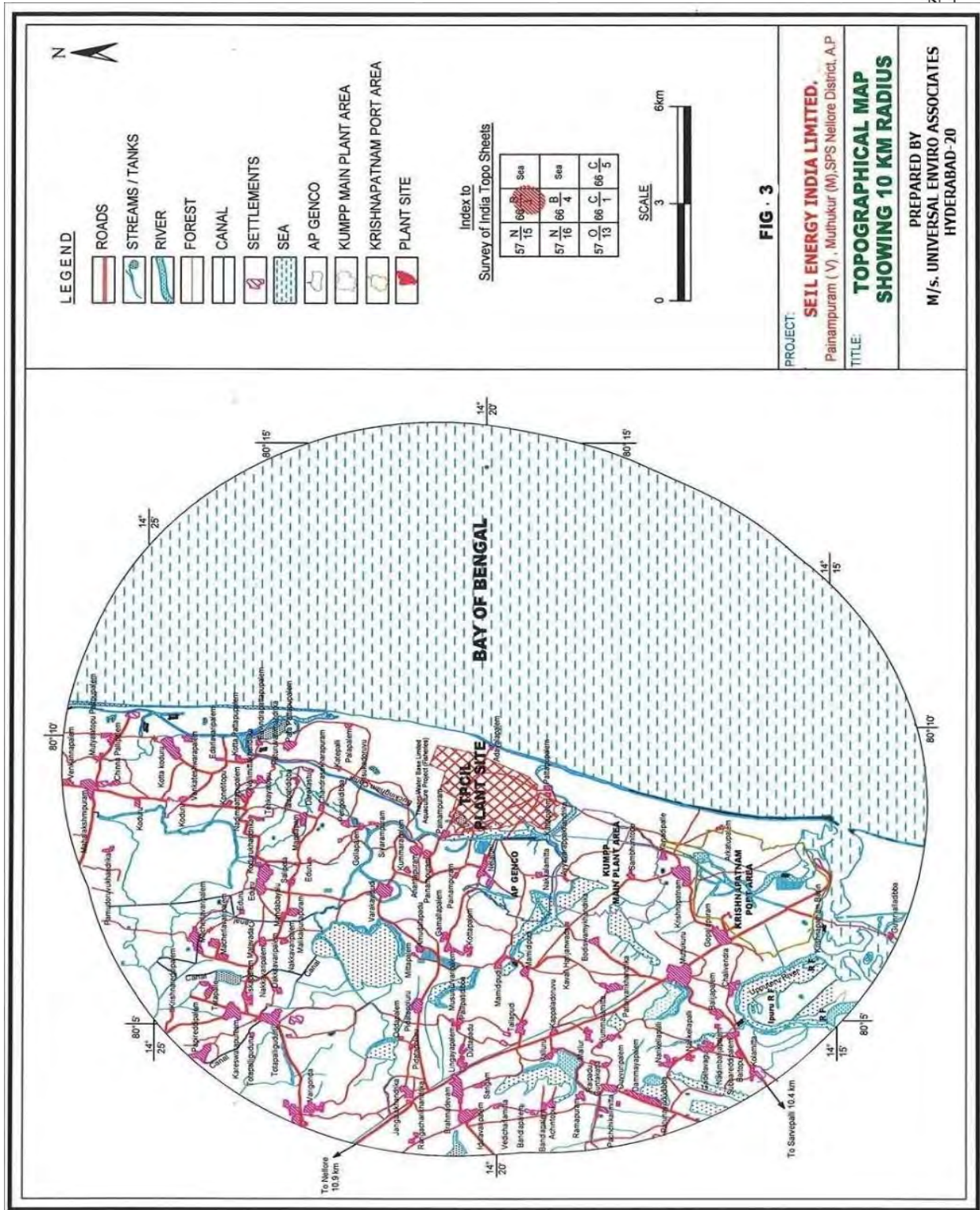


Fig. – 3 (TOPOGRAPHICAL MAP OF 10 KM RADIUS AREA)

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02. Statutory Approvals/Clearances:




The following statutory approvals and clearances were received for the Project:


S. No.	Authorization	Accorded By	Validity
1	Environment Clearance	Ministry of Environment & Forests, Govt. of India	MoEF Letter dated 4/11/2009. The validity of EC is extended to 7 years by MoEF notification to start operations. Accordingly, SEIL commenced its operations by Sept 2015, well within due date.
2	CRZ Clearance	Ministry of Environment & Forests, GOI	F.No. 11-129/2010-IA.III. Dated: 5 th December, 2011
3	Combined Consent for Operation (CFO) for two units	AP Pollution Control Board, Hyderabad	Order No. APPCB/VJA/NLR/930/HO/CFO/2016 Dated: 16 th Nov 2021. Renewed and is valid till 30th November 2026. CTO Name change approval accorded vide Order No. APPCB/VJA/NLR/930/HO/CFO/2018 dated 20-07-2023




CONDITION WISE COMPLIANCE TO ACCORDED ENVIRONMENT CLEARANCE

S No.	Condition	Compliance
4. i	Status of implementation of 100% utilisation of Fly Ash generated shall be submitted to the Ministry within six months of operation of the plant.	<p>Complying.</p> <p>SEIL Energy India Limited is achieving 100% fly ash utilization since September 2019.</p> <p>Annual Fly Ash utilization for FY 2024-2025 is submitted to MoEF&CC vide letter No. SEIL P1/MoEF&CC/Chennai/2025/001 dated 26th April 2025.</p>
ii	Stacks of 275 m height (Bi-Flue for Stage -I and Single Flue for Stage II) shall be provided with continuous online monitoring equipment for SOx, NOx and PM. Exit Velocity of flue gases shall not be less than 25 m/sec. Mercury emissions from stack shall also be monitored on periodic basis.	<p>Complying.</p> <p>One Bi-Flue gas chimney of 275 m height (Stage-I) is provided along with continuous online emission monitoring equipment for measuring SOx, NOx and Particulate Matter.</p>  <p>Mercury is being monitored on quarterly basis.</p> <p>Monitored parameters of flue gas is well within prescribed norms.</p> <p>MoEF&CC approved agency monitored Stack Emission Reports are attached as Annexure- I.</p>
iii	Possibility for installation of combined intake with neighbouring Power Plants shall be examined and in the event of non-feasibility adequate justification shall be submitted with a period of six months.	Installation of combined intake with neighbouring Power Plant was not found feasible.


S No.	Condition	Compliance
iv	<p>High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm³.</p>	<p>Complying.</p> <p>Electrostatic Precipitators (ESPs) with more than 99.9% efficiency (72 fields each unit) are installed to control the Particulate Matter Emission within prescribed standards of 50 mg/Nm³.</p> 
v	<p>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.</p>	<p>Complying.</p> <p>More efficient Dry Fog Dust Suppression System (DFDS) has been commissioned and is working efficiently.</p> 


S No.	Condition	Compliance
		<p>Dust suppression system has been provided at Transfer Points to further minimize fugitive dust.</p> <p>Additional water sprinklers have been provided to suppress fugitive emissions at coal yard.</p> <p>SEIL has also provided wind barriers with 3-5 layers of thick Conocarpus trees (wind resistant plants) all around coal yard, which are designed to arrest spreading of fugitive dust emissions.</p>   


S No.	Condition	Compliance
vi	<p>Fly ash shall be collected in dry form and storage facility (silos) shall be provided (as applicable). 100% fly ash utilisation shall be ensured from 4th year onwards. Unutilized fly ash shall be disposed off 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 off in low lying area.</p>	<p>Fly ash is collected in dry form and stored in silos of 3x2000 cum capacity for disposal to various users. Unutilised fly ash is being disposed to the ash pond in lean slurry form.</p>  <p>SEIL Energy India Limited Project-1 is achieving 100% fly ash utilization since September 2019.</p> <p>Annual Fly Ash utilization report for FY 2024-2025 vide letter No. SEIL P1/MoEF&CC/Chennai/2025/001 dated 26th April 2025.</p> <p>SEIL has also installed and commissioned fly ash classification unit of 5 Lakh TPA (Tonne per annum) within the site.</p> <p>Bottom Ash heavy metals analysis reports, Piezo Wells ground water quality reports & Ash Pond Effluent Quality Monitoring reports performed by MoEF&CC approved third party are attached as Annexure-II, III & IV respectively.</p>


S No.	Condition	Compliance
vii	Ash Pond shall be lined with HDP/LDP lining. Adequate safety measures shall also be implemented to protect the ash dyke from breached.	<p>Complying.</p> <p>Ash pond is lined with impervious HDPE liner.</p>  <p>The dyke is designed and incorporated safety measures adequate.</p>
viii	Closed cycle cooling system with natural draft cooling towers shall be provided. The Effluents shall be treated as per the prescribed norms.	<p>Complying.</p> <p>Natural Draft Cooling Towers are installed at the site.</p>  <p>ETP consists of Flash Mixer, Lamella Clarifier, Sludge Pit, Oily Water Separation Unit, Oily water collection tank and Central Monitoring Basin & Dosing system is used to treat the effluent to meet the prescribed norms. Reports are attached as Annexure-V.</p> 


S No.	Condition	Compliance
ix	No ground water shall be extracted for the project work at any stage.	Complied. No ground water was extracted for the project work. Entire water requirement of the plant is being met from seawater only.
x	Hydrogeological study of the area shall be reviewed annually and results to be submitted to the Ministry and concerned agency in the State Government. In case adverse impact on ground water quality and quantity is observed, immediate mitigating steps to contain any adverse impact on ground water shall be undertaken.	Complying. Hydrogeology Study is being conducted annually and reports being submitted.
xi	Minimum required environmental flow suggested by the Competent Authority of the State Government shall be maintained in the Channel/rivers even in lean season.	Not applicable. Not applicable as SEIL is not extracting any River/ canal water. Entire water requirement for plant operations is being met through seawater.

S No.	Condition	Compliance
xiii	<p>A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation.</p>	<p>Complying.</p> <p>Sewage Treatment Plant (STP) is provided and in operational for treating the domestic sewage generated.</p>  <p>The treated domestic wastewater is used for greenbelt development.</p> <p>STP treated water analysis reports are attached as Annexure-VII.</p>

xiv	<p>Rainwater harvesting should be adopted. Central Groundwater Authority/Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.</p>	<p>Complying.</p> <p>MoEF&CC approved and NABL Accredited third party lab studies have been carried out and rainwater harvesting pits are constructed and maintained along the storm water drains.</p>  <p>The rainwater from storm water drains is collected in RWH ponds.</p>
xv	<p>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 location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.</p>	<p>Complying.</p> <p>The coal yard is provided with fire hydrant system and water sprinklers arrangement to control spontaneous combustion of coal. Photos provided in the report. Plant layout map with coal yard location is attached as Annexure-VIII.</p>


S No.	Condition	Compliance
xvi	Storage facilities for auxiliary liquid fuel such as LDO and HFO/LSHS shall be made in the plant areas 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.	<p>Complying.</p> <p>SEIL has provided safe & secure storage facilities for LDO and HFO.</p> <p>These facilities are certified by the Chief Controller of Explosives, Nagpur. Adequate firefighting systems are provided.</p> <p>Onsite Emergency Management Plan is in place to meet any eventuality.</p>
xvii	Regular monitoring of ground water in and around the ash pond area including heavy metals (Hg, Cr, As, Pb) shall be carried out, records maintained and six monthly reports shall be furnished 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.	<p>Complying.</p> <p>Piezometer wells are provided around ash pond site.</p>  <p>Regular monitoring of ground water in and around the ash pond area is being carried out. Piezo well Analysis Reports are attached as Annexure- III.</p>
xviii	Shelter Belt consisting of 3 tiers of plantation around the plant of 100 m width and adequate tree density shall be developed.	<p>Complying.</p> <p>SEIL is developing scientifically designed greenbelt with adequate tree density. Native species have been chosen for plantation. An area of about 458 acres area is being brought under green cover in phased wise manner. 3 tier plantation around the plant and adequate tree density has been developed. Photos are provided in this report.</p>

S No.	Condition	Compliance
xix	First Aid and sanitation arrangement shall be made for the drivers and other contract workers during construction phase.	<p>Complied.</p>  <p>Necessary facilities have been provided during construction period.</p>
xx	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. 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 hearing loss including shifting to non-noisy/less noisy areas.	<p>Complying.</p> <p>SEIL has ensured that the ambient noise level at the plant boundary shall comply with National ambient noise standards. Quarterly monitoring of noise level data is Complying to the standards.</p> <p>Workers are provided with adequate personal protective equipment.</p> <p>Necessary medical examinations are conducted, and records are being maintained.</p> <p>MoEF&CC approved third party Noise Quality Monitoring Reports are attached as Annexure-IX.</p>


xxi	<p>Regular monitoring of ground level concentration of SO_x, NO_x, RSPM 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 the 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.</p>	<p>Complied.</p> <p>Continuous AAQM stations (with online analysers) are provided at 4 locations. The data is continuously uploaded to APPCB websites on real time basis.</p> <p>In addition, manual ambient air quality monitoring is being carried out by engaging third party laboratory. The locations and monitoring are in consultation with PCB.</p> <p>MoEF&CC approved third party Ambient Air Quality Monitoring Reports are attached as Annexure-X</p> 
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S No.	Condition	Compliance
xxii	A good action plan for R&R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months from the date of issue of this letter.	Not Applicable
xxiii	An amount of Rs.32.0 crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs.6.4 Crores per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	Complying. SEIL has spent an amount of INR 5.5 crores on CSR related activities during April 2025 to September 2025. The details of CSR activities being implemented during April 2025 to September 2025 by SEIL are attached as Annexure-XI.
xxiv	As part of CSR programme the company shall conduct need based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruit bearing orchards, vocational training etc., can form a part of such programme. Company shall provide separate budget for community development activities and income generating programmes. This will be in addition to vocational training for individuals imparted to take up self-employment and jobs.	Complying. Company CSR Policy was prepared and executed based on Socio Economic study which was initially conducted and report submitted.


S No.	Condition	Compliance
xxv	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project	Complied during construction phase.
xxvi	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 this 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 the Website of the Ministry of Environment and Forests at http://envfor.nic.in .	Complied. Advertisements have been given in Telugu newspaper on dated: 04 th July 2009 and in English newspaper on dated: 03 rd July 2009.
xxvii	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad /Municipal corporation, urban local body and the local NGO, if any from whom suggestions/representations, if any, received while processing the proposal. The Clearance letter shall also be put on the website of the Company by the Proponent.	Complied. Clearance letter was sent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, urban local body. Clearance letters are also uploaded in SEIL website.

S No.	Condition	Compliance
xxviii	A dedicated Environment Management Cell with suitable qualified personnel shall be set up under the control of a Senior executive who will report directly to the head of the organization.	<p>Complied.</p> <p>SEIL has established an Environment Management Cell with suitable qualified personnel under the supervision of Head-HSE, who reports directly to the Station Head.</p>
xxix	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO _x , 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.	<p>Complied.</p> <p>Regular compliance reports are submitted to ministry. SEIL has uploaded the status reports including the monitored data in the SEIL website at https://www.seilenergy.com/AboutUs/Disclosure</p> <p>The environmental monitored data including Ambient Air Quality for criteria pollutants and stack emission are displayed at the main gate.</p>  <p style="text-align: center;"><u>Main Gate display of AAQ data</u></p>
xxx	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data to the respective Regional Office of MOEF, the respective Zonal office of CPCB and SPCB.	<p>Complying.</p> <p>Six Monthly reports against EC compliance is being submitted to IRO, MOEF&CC, the respective Zonal office of CPCB and SPCB. EC Compliance report for the period of Oct 2024 to Mar 2025 was submitted on 29th May 2025.</p>


S No.	Condition	Compliance
xxxi	The Environment Statement for each financial year ending 31 st March in Form V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of the Ministry.	Complying. Environment Statement (Form-V) for FY 2024-25 has been submitted to APPCB (Ref. No.: SEIL P1/APPCB/BZA/2025/011 dated 27 th September 2025).
xxxii	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 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.	Complying. SEIL is submitting the six-monthly reports on status of compliance and the monitored data to the concerned regulatory authorities. The reports are being uploaded on APPCB & SEIL website periodically. https://www.seilenergy.com/AboutUs/Disclosure https://pcb.ap.gov.in/UI/Submission Compliance of EC_CFE_CFO_Direction.aspx

S No.	Condition	Compliance
xxxiii	<p>Regional Office of the Ministry of Environment and 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 and ambient air) shall be displayed at the main gate of the power plant.</p>	<p>Noted. Being complied.</p> <p>The compliance reports are also uploaded in company website. https://www.seilenergy.com/AboutUs/Disclosure</p> <p>The environmental monitored data including Ambient Air Quality for criteria pollutants and stack emission data is being displayed at the main gate.</p>  <p style="text-align: center;"><u>Main Gate display of AAQ data</u></p>
xxxiv	<p>Separate funds shall be allocated for implementation of environmental protection measures along with item wise break up. 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.</p>	<p>Complying.</p> <p>Separate fund is allocated for to Environment protection measures and the expenditure report is attached as Annexure-XII.</p>
xxxv	<p>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 commission of Plant.</p>	<p>Complied and communicated.</p>

S No.	Condition	Compliance
xxxvi	Full cooperation shall be extended to the Scientists/Officers from the Ministry /Regional Office of the Ministry at Bangalore/CPCB/SPCB who should be monitoring the compliance of environmental status.	Noted for compliance.
xxxvii	Harnessing Solar Power within the premises of the plant particularly at available roof tops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half yearly monitoring reports.	Complying. Solar panels have been installed above canteen roof. Power generation of 28557 KWHR during April 2025 to September 2025.
xxxviii	Long term study of radioactivity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof analysed every two year and reported along with monitoring reports. Thereafter 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.	Complying. Quarterly monitoring reports of heavy metals of Coal and Radioactive Analysis reports of Coal & Ash are attached as Annexure-XIII & Annexure-XIV.

S No.	Condition	Compliance
xxxix	Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land.	<p>Complying.</p> <p>Stock Pile Dust Suppression system around coal yards, Dry Fog dust suppression System along conveyor belts, Cyclone separators & bag filters at crusher house, Vacuum truck for road dust cleaning are implemented to avoid fugitive dust emissions and prevent the impact on agricultural or non-agricultural land.</p> 
xl	Space for FGD shall be provided for future installation as may be required.	<p>Complying.</p> <p>Adequate space provision is available.</p>
xli	No ground water shall be extracted for use in operation of the power plant even in lean season. No water bodies including natural drainage system in the area shall be distributed due to activities associated with the setting up / operation of the power plant.	<p>Complying.</p>

S No.	Condition	Compliance
xlii	Fly ash is not to be used for agricultural purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior detailed study of soil characteristics of the mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close coordination with the State Pollution Control Board.	Complying.
xliii	Green belt shall also be developed around the ash pond over and above the green belt around the plant boundary.	Complying.
xliv	A Common Green Endowment Fund shall be created and the interest earned out of it shall be used for the development and management of green cover of the area.	Complied. Separate fund centre has been earmarked for green belt development and maintenance.

S No.	Condition	Compliance
xlv	<p>For proper and periodic monitoring of CSR activities, a CSR committee or a social audit committee or a suitable credible external agency shall be appointed. CSR activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent and final.</p>	<p>Complied.</p> <p>CSR Committee has been formed and is working. CSR committee stake holders meetings conducted.</p>     <p>Jun 17, 2025 10:08:07 AM Thotapalli Guduru Andhra Pradesh</p>

S No.	Condition	Compliance
xlvi	An Environment Cell comprising of at least one expert in environment science / engineering, ecology, occupational health and social science, shall be created preferably 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 Plant who would be accountable for implementation of environmental regulations and social impact improvement / mitigation measures.	Complying. SEIL has established an Environment Management Cell with suitable qualified personnel under the supervision of Head-HSE, who reports directly to the Station Head. Services of Marine biologist & ecologist will be hired based on the requirement.
xlvii	The project proponent shall formulate a well laid Corporate Environment Policy and identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with the conditions stipulated in this clearance letter and other applicable environmental laws and regulations.	Complied. Environmental Policy is part of the QHSE Policy. QHSE Policy is attached as Annexure-XV .
5	The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. The Ministry may also impose additional environmental conditions or modify the existing ones, if necessary.	Noted.
6	The environmental clearance accorded shall be valid for a period of 5 years to start operations by the Power Plant.	Noted. The validity of EC is extended to 7 years by MoEF notification. The 2x660 MW project has already commenced operations since 2015.

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015

S No.	Condition	Compliance
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 alteration 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 condition(s) imposed to add additional environmental protection measures required, if any	Noted for compliance.
9	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.	Noted.
10	Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of National Environmental Appellate Act, 1997.	Noted.

*M/s. SEIL Energy India Limited Project-1
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SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



GREEN BELT/ GREEN COVER DEVELOPMENT IN SITE

*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



GREEN COVER AROUND PERIPHERY

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SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



GREEN COVER ALONG THE PLANT ROADS

*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



GREEN COVER ALONG PIPE RACK & INTERNAL ROADS



GREEN COVER INSIDE THE PLANT

*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

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AVENUE PLANTATION



GREEN COVER – EAGLE EYE VIEW

*M/s. SEIL Energy India Limited Project-1
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SPSR Nellore (Dist.), Andhra Pradesh.*

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GREEN COVER NEAR PLANT SERVICE BUILDING



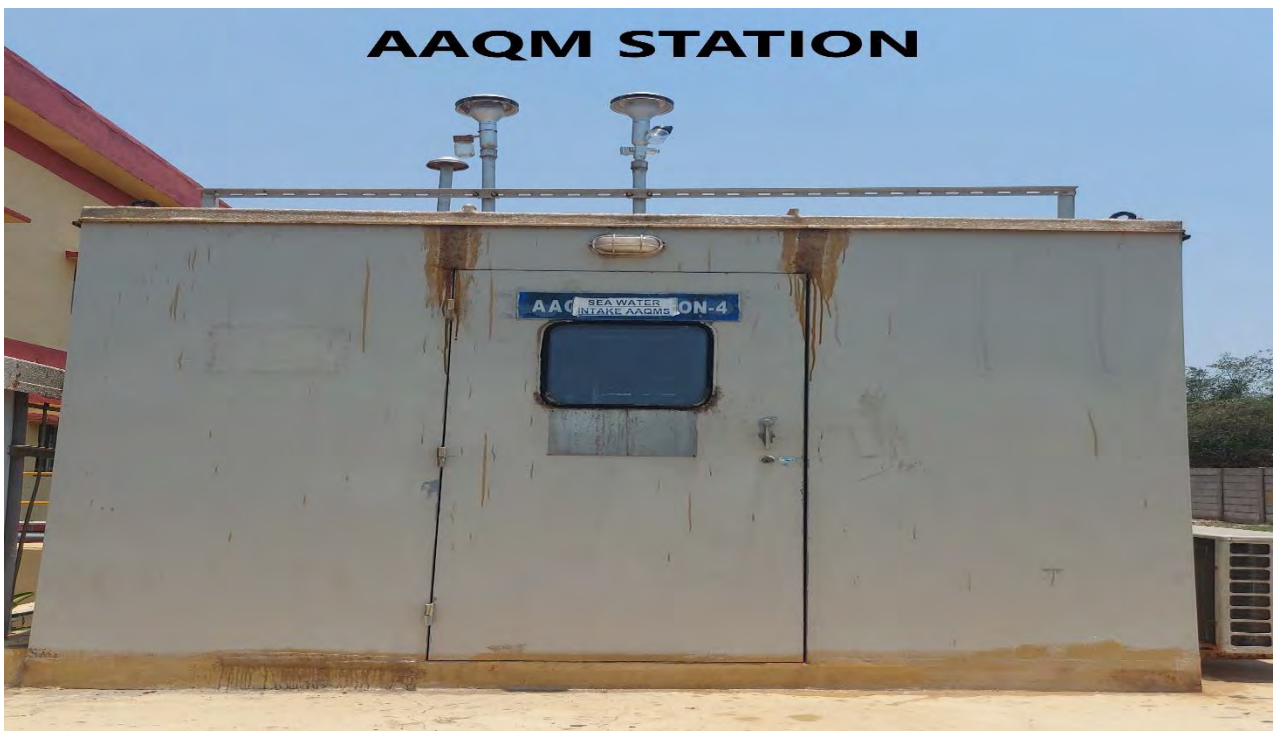
GREEN COVER IN NORTH EAST AREA

*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



COAL YARD WATER SPRINKLING



*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



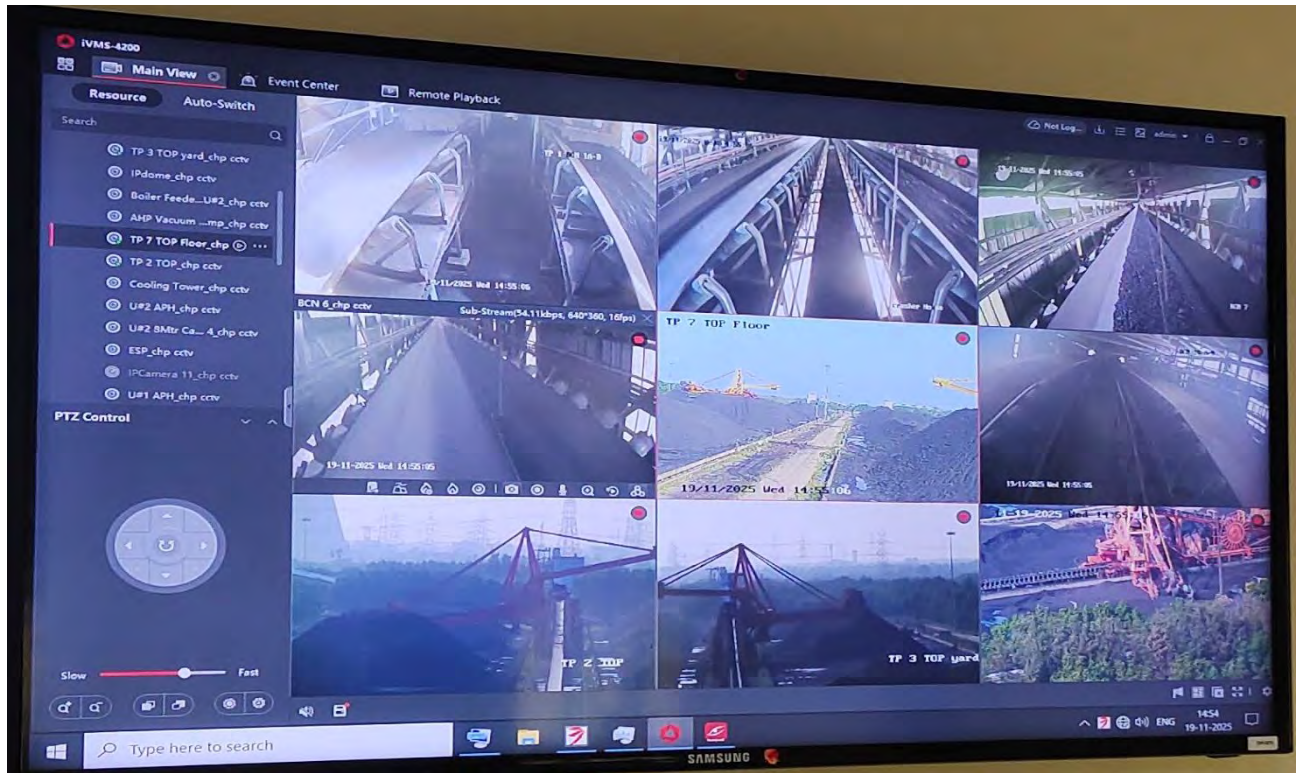
CONTINUOUS AMBIENT AIR QUALITY MONITORING STATION INSIDE THE PLANT



WIND BREAK PLANTATION AROUND COAL YARD

*M/s. SEIL Energy India Limited Project-1
Painampuram & Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.), Andhra Pradesh.*

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



CONTINUOUS MONITORING OF DUST SUPPRESSION SYSTEM AT COAL YARD USING PTZ CAMERAS



DUST EXTRACTION SYSTEM AT TRANSFER POINTS

M/s. SEIL Energy India Limited Project-1
 Painampuram & Nelaturu (V), Muthukur (M),
 SPSR Nellore (Dist.), Andhra Pradesh.

EC No. J 13012/02/2009-IA. II (T), Date: 04.11.2009 & 02.03.2015



MAIN GATE DISPLAY BOARD - AMBIENT AIR QUALITY & EMISSIONS DATA DISPLAY



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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

ANNEXURE-I

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Stack Emission Monitoring- MAY 2025

Location: Unit#1(Stack Attached to 660 MW Boiler)

Date of Monitoring: 20.05.2025

Sample Registration Date:21.05.2025

Analysis Starting Date:21.05.2025

Analysis Completed Date:27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0001

TEST RESULT

1. Time of Sampling ---- : 10:20 Hrs. to 11:15 Hrs.
2. Time Duration : 00:55 Hrs.
3. Ambient Temperature (°C) : 33.7
4. Flue gas Temperature (°C) : 145
5. Velocity of the flue gas (m/sec) : 25.16
6. C/s area of the duct (m³) : 33.20
7. Stack Diameter (m) : 6.5
8. Flue gas Flow Rate (Nm³/Hr) : 3099510.72

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1.	Particulate Matter (PM)	IS 11255 (part-1)1985	mg/Nm ³	<50	36.3
2.	Sulphur Dioxide (SO ₂)	IS 11255 (part-2)1985	mg/Nm ³	-	682
3.	Oxides of Nitrogen (NO _x)	IS 11255 (part-7)1985	mg/Nm ³	450	276
4.	Carbon Monoxide (CO)	NSPS Test Method-10	ppm	-	1.7
5.	Mercury as Hg	State of California Air Resources Board, Method10A	mg/Nm ³	0.03	<0.01

Instrument Details:

Instrument : Stack Monitoring Kit
Make : Sree Scientific Equipment
Model / SI No : Sem-150/220206
Calibration Due : 27.02.2026

K.S.Laj
Verified by



P. Suresh K.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Stack Emission Monitoring- MAY 2025

Location: Unit#2 (Stack Attached to 660 MW Boiler)

Date of Monitoring: 20.05.2025

Sample Registration Date: 21.05.2025

Analysis Starting Date: 21.05.2025

Analysis Completed Date: 27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0002

TEST RESULT

1. Time of Sampling ---- : 11:40 Hrs. to 12:40 Hrs.
2. Time Duration : 01:00 Hrs.
3. Ambient Temperature (°C) : 33.5
4. Flue gas Temperature (°C) : 146
5. Velocity of the flue gas (m/sec) : 25.34
6. C/s area of the duct (m³) : 33.20
7. Stack Diameter (m) : 6.5
8. Flue gas Flow Rate (Nm³/Hr) : 3021338.88

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1.	Particulate Matter (PM)	IS 11255 (part-1)1985	mg/Nm ³	<50	34.6
2.	Sulphur Dioxide (SO ₂)	IS 11255 (part-2)1985	mg/Nm ³	-	852
3.	Oxides of Nitrogen (NO _x)	IS 11255 (part-7)1985	mg/Nm ³	450	306
4.	Carbon Monoxide (CO)	NSPS Test Method-10	ppm	-	1.2
5.	Mercury as Hg	State of California Air Resources Board, Method10A	mg/Nm ³	0.03	<0.01

Instrument Details:

Instrument : Stack Monitoring Kit
Make : Sree Scientific Equipment
Model / SI No : Sem-150/220206
Calibration Due : 27.02.2026

K.S.Laj
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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Stack Emission Monitoring- AUGUST 2025

Location: Unit#1 (Stack Attached to 660 MW Boiler)

Date of Monitoring: 26.08.2025

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0001

TEST RESULT

1. Time of Sampling ---- : 10:10 Hrs. to 11:05 Hrs.
2. Time Duration : 00:55 Hrs.
3. Ambient Temperature (°C) : 32.6
4. Flue gas Temperature (°C) : 145
5. Velocity of the flue gas (m/sec) : 25.35
6. C/s area of the duct (m³) : 33.20
7. Stack Diameter (m) : 6.5
8. Flue gas Flow Rate (Nm³/Hr): 3029832.0

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1.	Particulate Matter (PM)	IS 11255 (part-1)1985	mg/Nm ³	<50	33.4
2.	Sulphur Dioxide (SO ₂)	IS 11255 (part-2)1985	mg/Nm ³	-	791
3.	Oxides of Nitrogen (NO _x)	IS 11255 (part-7)1985	mg/Nm ³	450	313
4.	Carbon Monoxide (CO)	NSPS Test Method-10	ppm	-	1.4
5.	Mercury as Hg	State of California Air Resources Board, Method10A	mg/Nm ³	0.03	<0.01

Instrument Details:

Instrument : Stack Monitoring Kit
Make : Sree Scientific Equipment
Model / SI No : Sem-150/220206
Calibration Due : 27.02.2026

K.S.Laj
Verified by



P. Suresh K.
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LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Stack Emission Monitoring- AUGUST 2025

Location: Unit#2 (Stack Attached to 660 MW Boiler)

Date of Monitoring: 26.08.2025

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0002

TEST RESULT

1. Time of Sampling ---- : 11:20 Hrs. to 12:15 Hrs.
2. Time Duration : 00:55 Hrs.
3. Ambient Temperature (°C) : 35.4
4. Flue gas Temperature (°C) : 144
5. Velocity of the flue gas (m/sec) : 25.51
6. C/s area of the duct (m³) : 33.20
7. Stack Diameter (m) : 6.5
8. Flue gas Flow Rate (Nm³/Hr) : 3048955.2

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1.	Particulate Matter (PM)	IS 11255 (part-1)1985	mg/Nm ³	<50	32.2
2.	Sulphur Dioxide (SO ₂)	IS 11255 (part-2)1985	mg/Nm ³	-	891
3.	Oxides of Nitrogen (NO _x)	IS 11255 (part-7)1985	mg/Nm ³	450	334
4.	Carbon Monoxide (CO)	NSPS Test Method-10	ppm	-	1.1
5.	Mercury as Hg	State of California Air Resources Board, Method10A	mg/Nm ³	0.03	<0.01

Instrument Details:

Instrument : Stack Monitoring Kit
Make : Sree Scientific Equipment
Model / SI No : Sem-150/220206
Calibration Due : 27.02.2026

K.S.Laj
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P. Suresh W.
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ANNEXURE-II

TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram/Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Heavy Metal Analysis of Fly Ash- MAY 2025 Date of Monitoring: 20.05.2025 Sample Collected By: Ganesh	Sample Registration Date: 21.05.2025 Analysis Starting Date: 21.05.2025 Analysis Completed Date: 27.05.2025 Issue Date: 27.05.2025 Lab Ref: SEPL/ES/SEILEILP/05-25/0001

TEST RESULT

S. No	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1	Arsenic as As	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.76
2	Mercury as Hg	USEPA-3050B Dec-1996(Rev.2)	Ppm	0.2	<0.03
3	Chromium as Cr	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.51
4	Lead as Pb	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.72

Note: USEPA- United States Environmental Protection Agency

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram/Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) - 524344.

Discipline: Chemical

Group: Water

Product: Heavy Metal Analysis of Bottom Ash- MAY 2025

Date of Monitoring: 20.05.2025

Sample Collected By: Ganesh

Sample Registration Date: 21.05.2025

Analysis Starting Date: 21.05.2025

Analysis Completed Date: 27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0002

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1.	Arsenic as As	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.90
2.	Mercury as Hg	USEPA-3050B Dec-1996(Rev.2)	Ppm	0.2	<0.02
3.	Chromium as Cr	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.66
4.	Lead as Pb	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.36

Note: USEPA- United States Environmental Protection Agency

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product: Heavy Metal Analysis of Fly Ash- AUGUST 2025

Date of Monitoring: 26.08.2025

Sample Collected By: Ganesh

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0001

TEST RESULT

S. No	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1	Arsenic as As	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.84
2	Mercury as Hg	USEPA-3050B Dec-1996(Rev.2)	Ppm	0.2	<0.03
3	Chromium as Cr	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.62
4	Lead as Pb	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.70

Note: USEPA- United States Environmental Protection Agency

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product: Heavy Metal Analysis of Bottom Ash- AUGUST 2025

Date of Monitoring: 26.08.2025

Sample Collected By: Ganesh

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0002

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1.	Arsenic as As	USEPA-3050B Dec-1996(Rev.2)	Ppm	5.0	0.67
2.	Mercury as Hg	USEPA-3050B Dec-1996(Rev.2)	Ppm	0.2	<0.02
3.	Chromium as Cr	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.49
4.	Lead as Pb	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.63

Note: USEPA- United States Environmental Protection Agency

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ANNEXURE-III

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),

Near Pynampuram / Nelaturu (V), Muthukur (M),

SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product Water

Location-1: Piezo Well No-1- Water- East Side (PW-1)

Location-2: Piezo Well No-2- Water- South Side (PW-2)

Date of Monitoring: 20.05.2025

Sample Registration Date: 21.05.2025

Analysis Starting Date: 21.05.2025

Analysis Completed Date: 27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0001

Sample Collected By: Ganesh

TEST RESULT

S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-1	PW-2
1	pH	IS3025(P-11)2021	--	6.5- 8.5	No Relaxation	7.2	7.6
2	Color	IS3025(P-04)2021	Hazen	1.0	5.0	1.0	1.0
3	Turbidity	IS3025(P-10)1984	NTU	1.0	5.0	0.5	0.2
4	Electric Conductivity	IS3025(P-14)2013	µs/cm	--	--	1,246	1,143
5	Temperature	--	°C	--	--	22.8	24.2
6	Total Suspended Solids	IS3025(P-17)1984	mg/l	--	--	26	30
7	Total Dissolved Solids	IS3025(P-16)1984	mg/l	500	2000	373	394
8	Total Hardness as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	161	167
9	Total Alkalinity as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	178	180
10	Calcium as Ca	IS3025(P-40)1991	mg/l	75	200	32.2	46.4
11	Magnesium as Mg	IS3025(P-40)1991	mg/l	30	100	24.5	21.8
12	Free Residual Chlorine	IS3025(P-26)1986	mg/l	0.2	No Relaxation	<0.1	<0.1
13	Boron as B	IS3025(P-57)2021	mg/l	0.5	1.0	<0.1	<0.1
14	Calcium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	148	170
15	Magnesium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	72	98
16	Sodium as Na	IS3025(P-45)1993	mg/l	--	--	137	156
17	Potassium as K	IS3025(P-45)1993	mg/l	--	--	27	29
18	Chloride as Cl	IS3025(P-32)1988	mg/l	250	1000	160	162

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S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-1	PW-2
19	Sulphates as SO ₄	IS3025(P-24)1986	mg/l	200	400	72.3	84.8
20	Nitrates as NO ₃	IS3025(P-34)1988	mg/l	45	No Relaxation	29.8	32.6
21	Chemical Oxygen Demand	IS3025(P-58)2006	mg/l	--	--	<5.0	<5.0
22	Biochemical Oxygen Demand (3 days at 27°C)	IS3025(P-44)1993	mg/l	--	--	<3.0	<3.0
23	Iron as Fe	IS3025(P-53)2003	mg/l	<0.3	No Relaxation	0.05	0.07
24	Fluoride as F	IS3025(P-60)2008	mg/l	<1.0	<1.5	0.62	0.84
25	Copper as Cu	IS3025(P-42)1992	mg/l	<0.05	<1.5	<0.01	<0.01
26	Manganese as Mn	IS3025(P-59)2006	mg/l	<0.1	<0.3	<0.1	<0.1
27	Phenolic Compounds as C ₆ H ₅ OH	IS3025(P-43)1992	mg/l	<0.001	<0.002	<0.001	<0.001
28	Cadmium as Cd	IS3025(P-41)1992	mg/l	<0.003	No Relaxation	<0.001	<0.001
29	Mercury as Hg	IS3025(P-48)1994	mg/l	<0.001	No Relaxation	<0.001	<0.001
30	Selenium as Se	IS3025(P-56)2003	mg/l	<0.01	No Relaxation	<0.01	<0.01
31	Total Arsenic as As	IS3025(P-37)1988	mg/l	<0.01	<0.20	<0.01	<0.01
32	Cyanide as CN	IS3025(P-27)1986	mg/l	<0.05	No Relaxation	<0.01	<0.01
33	Lead as Pb	IS3025(P-47)1994	mg/l	<0.01	No Relaxation	<0.01	<0.01
34	Zinc as Zn	IS3025(P-49)1994	mg/l	<5.0	<15	<0.01	<0.01
35	Total Chromium as Cr+6	IS3025(P-52)2003	mg/l	<0.05	<1.0	<0.01	<0.01
36	Aluminium as Al	IS3025(P-55)2003	mg/l	0.5	1.0	<0.01	<0.01
37	Pesticides	As per STP	mg/l	--	No Relaxation	<0.01	<0.01
38	Dissolved Oxygen	IS3025(P-38)1989	mg/l	--	--	4.2	4.3
39	Oil & Grease	IS3025(P-39)2021	mg/l	--	--	<1.0	<1.0
40	Phosphates as PO ₄	IS3025(P-31)1998	mg/l	--	--	<0.01	<0.01
41	Percent Sodium	IS3025(P-45)1993	%	--	--	29.2	31.4
42	E-Coli	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
43	Total Coliforms	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
44	Fecal Coliforms	IS-1622-1981	MPN/100ml	--	--	Absent	Absent

K.S.Laj
Verified by



Praveesh W.
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LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035
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SPECTRA ENVIROTECH PVT LTD

Accredited by MoEF & Accredited by NABL (TC-13099)

Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),

Near Pynampuram / Nelaturu (V), Muthukur (M),

SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product Water

Location-3: Piezo Well No-3- Water- West Side (PW-3)

Location-4: Piezo Well No-4- Water- North Side (PW-4)

Date of Monitoring: 20.05.2025

Sample Registration Date: 21.05.2025

Analysis Starting Date: 21.05.2025

Analysis Completed Date: 27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0002

Sample Collected By: Ganesh

TEST RESULT

S. NO.	TEST PARAMETERS	UNITS	TEST METHOD	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-3	PW-4
1	pH	--	IS3025(P-11)2021	6.5- 8.5	No Relaxation	7.6	7.4
2	Color	Hazen	IS3025(P-04)2021	1.0	5.0	1.0	1.0
3	Turbidity	NTU	IS3025(P-10)1984	1.0	5.0	0.3	0.2
4	Electric Conductivity	µs/cm	IS3025(P-14)2013	--	--	1,369	1,526
5	Temperature	°C	--	--	--	24.9	22.8
6	Total Suspended Solids	mg/l	IS3025(P-17)1984	--	--	45	51
7	Total Dissolved Solids	mg/l	IS3025(P-16)1984	500	2000	368	274
8	Total Hardness as CaCO ₃	mg/l	IS3025(P-23)1986	200	600	181	168
9	Total Alkalinity as CaCO ₃	mg/l	IS3025(P-23)1986	200	600	178	184
10	Calcium as Ca	mg/l	IS3025(P-40)1991	75	200	45	54
11	Magnesium as Mg	mg/l	IS3025(P-40)1991	30	100	25	24
12	Free Residual Chlorine	mg/l	IS3025(P-26)1986	0.2	No Relaxation	<0.1	<0.1
13	Boron as B	mg/l	IS3025(P-57)2021	0.5	1.0	0.4	0.2
14	Calcium Hardness as CaCO ₃	mg/l	IS3025(P-40)1991	--	--	148	169
15	Magnesium Hardness as CaCO ₃	mg/l	IS3025(P-40)1991	--	--	141	124
16	Sodium as Na	mg/l	IS3025(P-45)1993	--	--	132	126
17	Potassium as K	mg/l	IS3025(P-45)1993	--	--	39	28
18	Chloride as Cl	mg/l	IS3025(P-32)1988	250	1000	192	178

K.S.Laj
Verified by



P. Suresh N.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-3	PW-4
19	Sulphates as SO ₄	IS3025(P-24)1986	mg/l	200	400	85.9	96.6
20	Nitrates as NO ₃	IS3025(P-34)1988	mg/l	45	No Relaxation	36.8	22.0
21	Chemical Oxygen Demand	IS3025(P-58)2006	mg/l	--	--	<5.0	<5.0
22	Biochemical Oxygen Demand (3 days at 27°C)	IS3025(P-44)1993	mg/l	--	--	<3.0	<3.0
23	Iron as Fe	IS3025(P-53)2003	mg/l	<0.3	No Relaxation	0.14	0.21
24	Fluoride as F	IS3025(P-60)2008	mg/l	<1.0	<1.5	0.66	0.81
25	Copper as Cu	IS3025(P-42)1992	mg/l	<0.05	<1.5	<0.01	<0.01
26	Manganese as Mn	IS3025(P-59)2006	mg/l	<0.1	<0.3	<0.1	<0.1
27	Phenolic Compounds as C ₆ H ₅ OH	IS3025(P-43)1992	mg/l	<0.001	<0.002	<0.001	<0.001
28	Cadmium as Cd	IS3025(P-41)1992	mg/l	<0.003	No Relaxation	<0.001	<0.001
29	Mercury as Hg	IS3025(P-48)1994	mg/l	<0.001	No Relaxation	<0.001	<0.001
30	Selenium as Se	IS3025(P-56)2003	mg/l	<0.01	No Relaxation	<0.01	<0.01
31	Total Arsenic as As	IS3025(P-37)1988	mg/l	<0.01	<0.20	<0.01	<0.01
32	Cyanide as CN	IS3025(P-27)1986	mg/l	<0.05	No Relaxation	<0.01	<0.01
33	Lead as Pb	IS3025(P-47)1994	mg/l	<0.01	No Relaxation	<0.01	<0.01
34	Zinc as Zn	IS3025(P-49)1994	mg/l	<5.0	<15	<0.01	<0.01
35	Total Chromium as Cr+6	IS3025(P-52)2003	mg/l	<0.05	<1.0	<0.01	<0.01
36	Aluminium as Al	IS3025(P-55)2003	mg/l	0.5	1.0	<0.01	<0.01
37	Pesticides	As per STP	mg/l	--	No Relaxation	<0.01	<0.01
38	Dissolved Oxygen	IS3025(P-38)1989	mg/l	--	--	5.0	4.8
39	Oil & Grease	IS3025(P-39)2021	mg/l	--	--	<1.0	<1.0
40	Phosphates as PO ₄	IS3025(P-31)1998	mg/l	--	--	<0.01	<0.01
41	Percent Sodium	IS3025(P-45)1993	%	--	--	25.6	27.4
42	E-Coli	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
43	Total Coliforms	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
44	Fecal Coliforms	IS-1622-1981	MPN/100ml	--	--	Absent	Absent

K.S. Jag
Verified by



P. Praveesh W.
Authorized by
Managing Director

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product Water

Location-5: Piezo Well No-5-Water – Northwest Side (PW-5)

Date of Monitoring: 20.05.2025

Sample Registration Date: 21.05.2025

Analysis Starting Date: 21.05.2025

Analysis Completed Date: 27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0003

Sample Collected By: Ganesh

TEST RESULT

S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS
				ACCEPTABLE	PERMISSIBLE	PW-5
1	pH	IS3025(P-11)2021	--	6.5- 8.5	No Relaxation	7.6
2	Color	IS3025(P-04)2021	Hazen	1.0	5.0	1.0
3	Turbidity	IS3025(P-10)1984	NTU	1.0	5.0	0.4
4	Electric Conductivity	IS3025(P-14)2013	µs/cm	--	--	1,301
5	Temperature	--	°C	--	--	19.6
6	Total Suspended Solids	IS3025(P-17)1984	mg/l	--	--	50
7	Total Dissolved Solids	IS3025(P-16)1984	mg/l	500	2000	341
8	Total Hardness as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	179
9	Total Alkalinity as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	171
10	Calcium as Ca	IS3025(P-40)1991	mg/l	75	200	64
11	Magnesium as Mg	IS3025(P-40)1991	mg/l	30	100	17
12	Free Residual Chlorine	IS3025(P-26)1986	mg/l	0.2	No Relaxation	<0.1
13	Boron as B	IS3025(P-57)2021	mg/l	0.5	1.0	0.4
14	Calcium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	120
15	Magnesium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	61
16	Sodium as Na	IS3025(P-45)1993	mg/l	--	--	122
17	Potassium as K	IS3025(P-45)1993	mg/l	--	--	28
18	Chloride as Cl	IS3025(P-32)1988	mg/l	250	1000	184

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS
				ACCEPTABLE	PERMISSIBLE	PW-5
19	Sulphates as SO ₄	IS3025(P-24)1986	mg/l	200	400	62.4
20	Nitrates as NO ₃	IS3025(P-34)1988	mg/l	45	No Relaxation	34.2
21	Chemical Oxygen Demand	IS3025(P-58)2006	mg/l	--	--	<5.0
22	Biochemical Oxygen Demand (3 days at 27°C)	IS3025(P-44)1993	mg/l	--	--	<3.0
23	Iron as Fe	IS3025(P-53)2003	mg/l	<0.3	No Relaxation	0.22
24	Fluoride as F	IS3025(P-60)2008	mg/l	<1.0	<1.5	0.44
25	Copper as Cu	IS3025(P-42)1992	mg/l	<0.05	<1.5	<0.01
26	Manganese as Mn	IS3025(P-59)2006	mg/l	<0.1	<0.3	<0.1
27	Phenolic Compounds as C ₆ H ₅ OH	IS3025(P-43)1992	mg/l	<0.001	<0.002	<0.001
28	Cadmium as Cd	IS3025(P-41)1992	mg/l	<0.003	No Relaxation	<0.001
29	Mercury as Hg	IS3025(P-48)1994	mg/l	<0.001	No Relaxation	<0.001
30	Selenium as Se	IS3025(P-56)2003	mg/l	<0.01	No Relaxation	<0.01
31	Total Arsenic as As	IS3025(P-37)1988	mg/l	<0.01	<0.20	<0.01
32	Cyanide as CN	IS3025(P-27)1986	mg/l	<0.05	No Relaxation	<0.01
33	Lead as Pb	IS3025(P-47)1994	mg/l	<0.01	No Relaxation	<0.01
34	Zinc as Zn	IS3025(P-49)1994	mg/l	<5.0	<15	<0.01
35	Total Chromium as Cr+6	IS3025(P-52)2003	mg/l	<0.05	<1.0	<0.01
36	Aluminium as Al	IS3025(P-55)2003	mg/l	0.5	1.0	<0.01
37	Pesticides	As per STP	mg/l	--	No Relaxation	<0.01
38	Dissolved Oxygen	IS3025(P-38)1989	mg/l	--	--	4.8
39	Oil & Grease	IS3025(P-39)2021	mg/l	--	--	<1.0
40	Phosphates as PO ₄	IS3025(P-31)1998	mg/l	--	--	<0.01
41	Percent Sodium	IS3025(P-45)1993	%	--	--	35.5
42	E-Coli	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent
43	Total Coliforms	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent
44	Fecal Coliforms	IS-1622-1981	MPN/100ml	--	--	Absent

K.S.Laj
Verified by



P. Suresh W.
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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product Water

Location-1: Piezo Well No-1- Water- East Side (PW-1)

Location-2: Piezo Well No-2- Water- South Side (PW-2)

Date of Monitoring: 26.08.2025

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0001

Sample Collected By: Ganesh

TEST RESULT

S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-1	PW-2
1	pH	IS3025(P-11)2021	--	6.5- 8.5	No Relaxation	7.1	7.5
2	Color	IS3025(P-04)2021	Hazen	1.0	5.0	1.0	1.0
3	Turbidity	IS3025(P-10)1984	NTU	1.0	5.0	0.1	0.2
4	Electric Conductivity	IS3025(P-14)2013	µs/cm	--	--	1,151	1,167
5	Temperature	--	°C	--	--	23.4	25.3
6	Total Suspended Solids	IS3025(P-17)1984	mg/l	--	--	26	30
7	Total Dissolved Solids	IS3025(P-16)1984	mg/l	500	2000	274	385
8	Total Hardness as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	186	176
9	Total Alkalinity as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	154	181
10	Calcium as Ca	IS3025(P-40)1991	mg/l	75	200	34.5	46.9
11	Magnesium as Mg	IS3025(P-40)1991	mg/l	30	100	25.3	22.8
12	Free Residual Chlorine	IS3025(P-26)1986	mg/l	0.2	No Relaxation	<0.1	<0.1
13	Boron as B	IS3025(P-57)2021	mg/l	0.5	1.0	<0.1	<0.1
14	Calcium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	157	171
15	Magnesium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	76	81
16	Sodium as Na	IS3025(P-45)1993	mg/l	--	--	143	170
17	Potassium as K	IS3025(P-45)1993	mg/l	--	--	24	32
18	Chloride as Cl	IS3025(P-32)1988	mg/l	250	1000	175	184

K.S.Laj
Verified by



P. Suresh W.
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Managing Director

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S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-1	PW-2
19	Sulphates as SO ₄	IS3025(P-24)1986	mg/l	200	400	72.8	83.4
20	Nitrates as NO ₃	IS3025(P-34)1988	mg/l	45	No Relaxation	30.1	34.7
21	Chemical Oxygen Demand	IS3025(P-58)2006	mg/l	--	--	<5.0	<5.0
22	Biochemical Oxygen Demand (3 days at 27°C)	IS3025(P-44)1993	mg/l	--	--	<3.0	<3.0
23	Iron as Fe	IS3025(P-53)2003	mg/l	<0.3	No Relaxation	0.02	0.01
24	Fluoride as F	IS3025(P-60)2008	mg/l	<1.0	<1.5	0.76	0.84
25	Copper as Cu	IS3025(P-42)1992	mg/l	<0.05	<1.5	<0.01	<0.01
26	Manganese as Mn	IS3025(P-59)2006	mg/l	<0.1	<0.3	<0.1	<0.1
27	Phenolic Compounds as C ₆ H ₅ OH	IS3025(P-43)1992	mg/l	<0.001	<0.002	<0.001	<0.001
28	Cadmium as Cd	IS3025(P-41)1992	mg/l	<0.003	No Relaxation	<0.001	<0.001
29	Mercury as Hg	IS3025(P-48)1994	mg/l	<0.001	No Relaxation	<0.001	<0.001
30	Selenium as Se	IS3025(P-56)2003	mg/l	<0.01	No Relaxation	<0.01	<0.01
31	Total Arsenic as As	IS3025(P-37)1988	mg/l	<0.01	<0.20	<0.01	<0.01
32	Cyanide as CN	IS3025(P-27)1986	mg/l	<0.05	No Relaxation	<0.01	<0.01
33	Lead as Pb	IS3025(P-47)1994	mg/l	<0.01	No Relaxation	<0.01	<0.01
34	Zinc as Zn	IS3025(P-49)1994	mg/l	<5.0	<15	<0.01	<0.01
35	Total Chromium as Cr+6	IS3025(P-52)2003	mg/l	<0.05	<1.0	<0.01	<0.01
36	Aluminium as Al	IS3025(P-55)2003	mg/l	0.5	1.0	<0.01	<0.01
37	Pesticides	As per STP	mg/l	--	No Relaxation	<0.01	<0.01
38	Dissolved Oxygen	IS3025(P-38)1989	mg/l	--	--	4.2	4.5
39	Oil & Grease	IS3025(P-39)2021	mg/l	--	--	<1.0	<1.0
40	Phosphates as PO ₄	IS3025(P-31)1998	mg/l	--	--	<0.01	<0.01
41	Percent Sodium	IS3025(P-45)1993	%	--	--	33.5	35.7
42	E-Coli	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
43	Total Coliforms	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
44	Fecal Coliforms	IS-1622-1981	MPN/100ml	--	--	Absent	Absent

K.S.Laj
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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product Water

Location-3: Piezo Well No-3- Water- West Side (PW-3)

Location-4: Piezo Well No-4- Water- North Side (PW-4)

Date of Monitoring: 26.08.2025

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0002

Sample Collected By: Ganesh

TEST RESULT

S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-3	PW-4
1	pH	IS3025(P-11)2021	--	6.5- 8.5	No Relaxation	7.4	7.6
2	Color	IS3025(P-04)2021	Hazen	1.0	5.0	1.0	1.0
3	Turbidity	IS3025(P-10)1984	NTU	1.0	5.0	0.2	0.1
4	Electric Conductivity	IS3025(P-14)2013	µs/cm	--	--	1,387	1,441
5	Temperature	--	°C	--	--	25.4	26.8
6	Total Suspended Solids	IS3025(P-17)1984	mg/l	--	--	51	38
7	Total Dissolved Solids	IS3025(P-16)1984	mg/l	500	2000	358	276
8	Total Hardness as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	181	174
9	Total Alkalinity as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	173	158
10	Calcium as Ca	IS3025(P-40)1991	mg/l	75	200	50	59
11	Magnesium as Mg	IS3025(P-40)1991	mg/l	30	100	24	22
12	Free Residual Chlorine	IS3025(P-26)1986	mg/l	0.2	No Relaxation	<0.1	<0.1
13	Boron as B	IS3025(P-57)2021	mg/l	0.5	1.0	0.1	0.2
14	Calcium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	164	181
15	Magnesium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	140	134
16	Sodium as Na	IS3025(P-45)1993	mg/l	--	--	156	147
17	Potassium as K	IS3025(P-45)1993	mg/l	--	--	40	34
18	Chloride as Cl	IS3025(P-32)1988	mg/l	250	1000	191	184

K.S.Laj
Verified by



P. Suresh N.
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S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS	
				ACCEPTABLE	PERMISSIBLE	PW-3	PW-4
19	Sulphates as SO ₄	IS3025(P-24)1986	mg/l	200	400	86.1	95.4
20	Nitrates as NO ₃	IS3025(P-34)1988	mg/l	45	No Relaxation	35.7	23.5
21	Chemical Oxygen Demand	IS3025(P-58)2006	mg/l	--	--	<5.0	<5.0
22	Biochemical Oxygen Demand (3 days at 27°C)	IS3025(P-44)1993	mg/l	--	--	<3.0	<3.0
23	Iron as Fe	IS3025(P-53)2003	mg/l	<0.3	No Relaxation	0.53	0.41
24	Fluoride as F	IS3025(P-60)2008	mg/l	<1.0	<1.5	0.84	0.87
25	Copper as Cu	IS3025(P-42)1992	mg/l	<0.05	<1.5	<0.01	<0.01
26	Manganese as Mn	IS3025(P-59)2006	mg/l	<0.1	<0.3	<0.1	<0.1
27	Phenolic Compounds as C ₆ H ₅ OH	IS3025(P-43)1992	mg/l	<0.001	<0.002	<0.001	<0.001
28	Cadmium as Cd	IS3025(P-41)1992	mg/l	<0.003	No Relaxation	<0.001	<0.001
29	Mercury as Hg	IS3025(P-48)1994	mg/l	<0.001	No Relaxation	<0.001	<0.001
30	Selenium as Se	IS3025(P-56)2003	mg/l	<0.01	No Relaxation	<0.01	<0.01
31	Total Arsenic as As	IS3025(P-37)1988	mg/l	<0.01	<0.20	<0.01	<0.01
32	Cyanide as CN	IS3025(P-27)1986	mg/l	<0.05	No Relaxation	<0.01	<0.01
33	Lead as Pb	IS3025(P-47)1994	mg/l	<0.01	No Relaxation	<0.01	<0.01
34	Zinc as Zn	IS3025(P-49)1994	mg/l	<5.0	<15	<0.01	<0.01
35	Total Chromium as Cr+6	IS3025(P-52)2003	mg/l	<0.05	<1.0	<0.01	<0.01
36	Aluminium as Al	IS3025(P-55)2003	mg/l	0.5	1.0	<0.01	<0.01
37	Pesticides	As per STP	mg/l	--	No Relaxation	<0.01	<0.01
38	Dissolved Oxygen	IS3025(P-38)1989	mg/l	--	--	4.7	5.0
39	Oil & Grease	IS3025(P-39)2021	mg/l	--	--	<1.0	<1.0
40	Phosphates as PO ₄	IS3025(P-31)1998	mg/l	--	--	<0.01	<0.01
41	Percent Sodium	IS3025(P-45)1993	%	--	--	23.4	30.2
42	E-Coli	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
43	Total Coliforms	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent	Absent
44	Fecal Coliforms	IS-1622-1981	MPN/100ml	--	--	Absent	Absent

K.S.Laj
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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product Water

Location-5: Piezo Well No-5-Water –Northwest Side (PW-5)

Date of Monitoring: 26.08.2025

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0003

Sample Collected By: Ganesh

TEST RESULT

S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS
				ACCEPTABLE	PERMISSIBLE	PW-5
1	pH	IS3025(P-11)2021	--	6.5- 8.5	No Relaxation	7.3
2	Color	IS3025(P-04)2021	Hazen	1.0	5.0	1.0
3	Turbidity	IS3025(P-10)1984	NTU	1.0	5.0	0.3
4	Electric Conductivity	IS3025(P-14)2013	µs/cm	--	--	1,281
5	Temperature	--	°C	--	--	23.7
6	Total Suspended Solids	IS3025(P-17)1984	mg/l	--	--	54
7	Total Dissolved Solids	IS3025(P-16)1984	mg/l	500	2000	383
8	Total Hardness as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	192
9	Total Alkalinity as CaCO ₃	IS3025(P-23)1986	mg/l	200	600	164
10	Calcium as Ca	IS3025(P-40)1991	mg/l	75	200	58
11	Magnesium as Mg	IS3025(P-40)1991	mg/l	30	100	24
12	Free Residual Chlorine	IS3025(P-26)1986	mg/l	0.2	No Relaxation	<0.1
13	Boron as B	IS3025(P-57)2021	mg/l	0.5	1.0	0.1
14	Calcium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	128
15	Magnesium Hardness as CaCO ₃	IS3025(P-40)1991	mg/l	--	--	74
16	Sodium as Na	IS3025(P-45)1993	mg/l	--	--	135
17	Potassium as K	IS3025(P-45)1993	mg/l	--	--	31
18	Chloride as Cl	IS3025(P-32)1988	mg/l	250	1000	191

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S. NO.	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS AS PER IS:10500		RESULTS
				ACCEPTABLE	PERMISSIBLE	PW-5
19	Sulphates as SO ₄	IS3025(P-24)1986	mg/l	200	400	63.2
20	Nitrates as NO ₃	IS3025(P-34)1988	mg/l	45	No Relaxation	35.8
21	Chemical Oxygen Demand	IS3025(P-58)2006	mg/l	--	--	<5.0
22	Biochemical Oxygen Demand (3 days at 27°C)	IS3025(P-44)1993	mg/l	--	--	<3.0
23	Iron as Fe	IS3025(P-53)2003	mg/l	<0.3	No Relaxation	0.13
24	Fluoride as F	IS3025(P-60)2008	mg/l	<1.0	<1.5	0.54
25	Copper as Cu	IS3025(P-42)1992	mg/l	<0.05	<1.5	<0.01
26	Manganese as Mn	IS3025(P-59)2006	mg/l	<0.1	<0.3	<0.1
27	Phenolic Compounds as C ₆ H ₅ OH	IS3025(P-43)1992	mg/l	<0.001	<0.002	<0.001
28	Cadmium as Cd	IS3025(P-41)1992	mg/l	<0.003	No Relaxation	<0.001
29	Mercury as Hg	IS3025(P-48)1994	mg/l	<0.001	No Relaxation	<0.001
30	Selenium as Se	IS3025(P-56)2003	mg/l	<0.01	No Relaxation	<0.01
31	Total Arsenic as As	IS3025(P-37)1988	mg/l	<0.01	<0.20	<0.01
32	Cyanide as CN	IS3025(P-27)1986	mg/l	<0.05	No Relaxation	<0.01
33	Lead as Pb	IS3025(P-47)1994	mg/l	<0.01	No Relaxation	<0.01
34	Zinc as Zn	IS3025(P-49)1994	mg/l	<5.0	<15	<0.01
35	Total Chromium as Cr+6	IS3025(P-52)2003	mg/l	<0.05	<1.0	<0.01
36	Aluminium as Al	IS3025(P-55)2003	mg/l	0.5	1.0	<0.01
37	Pesticides	As per STP	mg/l	--	No Relaxation	<0.01
38	Dissolved Oxygen	IS3025(P-38)1989	mg/l	--	--	5.0
39	Oil & Grease	IS3025(P-39)2021	mg/l	--	--	<1.0
40	Phosphates as PO ₄	IS3025(P-31)1998	mg/l	--	--	<0.01
41	Percent Sodium	IS3025(P-45)1993	%	--	--	35.6
42	E-Coli	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent
43	Total Coliforms	ISO 9308-1	Per/100ml	Absent/100 ml	Absent/100 ml	Absent
44	Fecal Coliforms	IS-1622-1981	MPN/100ml	--	--	Absent

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ANNEXURE-IV

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Wastewater

Sample Location: **Ash Pond Effluent Water**

Date of Monitoring: 20.05.2025

Sample Collected By: Ganesh

Sample Registration Date: 21.05.2025

Analysis Starting Date: 21.05.2025

Analysis Completed Date: 27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0001

TEST RESULT

S.NO	TEST PARAMETERS	UNIT	TEST METHOD	STANDARD	RESULT
1.	pH	---	IS:3025(Part-11)1983	6.5-8.5	7.20
2.	Color	Hazen	IS-3025(Part-4)2021	Colorless	Colorless
3.	Odor	---	IS-3025(Part-5)	Agreeable	Agreeable
4.	Total Suspended Solids	mg/l	IS:3025(Part-11)1983	100	76
5.	Chemical Oxygen Demand (COD)	mg/l	IS:3025(Part-58)-2006	250	92
6.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	mg/l	IS:3025(Part-44)-1993	100	51
7.	Oil & Grease	mg/l	IS:3025(Part-39)-1991	10	5.2
8.	Total Arsenic as As	mg/l	IS:3025(Part-37)-1988	0.2	<0.01
9.	Mercury as Hg	mg/l	IS:3025(Part-48)-1994	0.01	<0.001
10.	Lead as Pb	mg/l	IS:3025(Part-47)-1994	2.0	<0.01
11.	Cadmium as Cd	mg/l	IS:3025(Part-41)-1992	2.0	<0.001
12.	Hexavalent Chromium as Cr ⁶⁺	mg/l	IS:3025(Part-52)-2003	1.0	<0.001

IS-Indian Standard

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TEST REPORT

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M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Wastewater

Sample Location: **Ash Pond Effluent Water**

Date of Monitoring: 26.08.2025

Sample Collected By: Ganesh

Sample Registration Date: **28.08.2025**

Analysis Starting Date: **28.08.2025**

Analysis Completed Date: **02.09.2025**

Issue Date: **02.09.2025**

Lab Ref: **SEPL/ES/SEILEILP/08-25/0001**

TEST RESULT

S.NO	TEST PARAMETERS	UNIT	TEST METHOD	STANDARD	RESULT
1.	pH	---	IS:3025(Part-11)1983	6.5-8.5	7.51
2.	Color	Hazen	IS-3025(Part-4)2021	Colorless	Colorless
3.	Odor	---	IS-3025(Part-5)	Agreeable	Agreeable
4.	Total Suspended Solids	mg/l	IS:3025(Part-11)1983	100	82
5.	Chemical Oxygen Demand (COD)	mg/l	IS:3025(Part-58)-2006	250	94
6.	Biochemical Oxygen Demand (BOD) (3 days at 27 °C)	mg/l	IS:3025(Part-44)-1993	100	71
7.	Oil & Grease	mg/l	IS:3025(Part-39)-1991	10	6.5
8.	Total Arsenic as As	mg/l	IS:3025(Part-37)-1988	0.2	<0.01
9.	Mercury as Hg	mg/l	IS:3025(Part-48)-1994	0.01	<0.001
10.	Lead as Pb	mg/l	IS:3025(Part-47)-1994	2.0	<0.01
11.	Cadmium as Cd	mg/l	IS:3025(Part-41)-1992	2.0	<0.001
12.	Hexavalent Chromium as Cr ⁶⁺	mg/l	IS:3025(Part-52)-2003	1.0	<0.001

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ANNEXURE-V

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product: ETP OUTLET (Treated Effluent)

Date of Monitoring: 20.05.2025

Sample Collected By: Ganesh

Sample Registration Date: 21.05.2025

Analysis Starting Date: 21.05.2025

Analysis Completed Date: 27.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0002

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARD	RESULTS
1.	pH	IS:3025(Part-11)1983	--	5.5-9.0	7.2
2.	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	2100	432
3.	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	200	35
4.	Chemical Oxygen Demand	IS:3025(Part-58)-1986	mg/l	250	48
5.	Biochemical Oxygen Demand (5 days at 20°C)	IS:3025(Part-44)-1993	mg/l	100	27
6.	Oil & Grease	IS:3025(Part-39)-1991	mg/l	10	<1.0

Note: IS- Indian Standard

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product: ETP OUTLET (Treated Effluent)

Date of Monitoring: 26.08.2025

Sample Collected By: Ganesh

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0002

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARD	RESULTS
1.	pH	IS:3025(Part-11)1983	--	5.5-9.0	7.9
2.	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	2100	261
3.	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	200	54
4.	Chemical Oxygen Demand	IS:3025(Part-58)-1986	mg/l	250	61
5.	Biochemical Oxygen Demand (5 days at 20°C)	IS:3025(Part-44)-1993	mg/l	100	28
6.	Oil & Grease	IS:3025(Part-39)-1991	mg/l	10	<1.0

Note: IS- Indian Standard

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TEST REPORT

ANNEXURE-VI

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical	Sample Registration Date: 21.05.2025
Group: Water	Analysis Starting Date: 21.05.2025
Product: Marine Outfall Water	Analysis Completed Date: 27.05.2025
Date of Sampling: 20.05.2025	Issue Date: 27.05.2025
Sample Collected By: Ganesh	Lab Ref: SEPL/ES/SEILEILP/05-25/0001

TEST RESULT

S. NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1	pH	IS:3025(Part-11)1983	--	6.5-8.5	7.6
2	Temperature Intake	--	°C	Shall not exceed 5°C above the Receiving temperature	27.8
3	Temperature Out Fall	--	°C		29.5
4	Electric Conductivity	IS: 3025:1964	µs/cm	--	26,701
5	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	--	19420
6	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	100	81
7	Chemical Oxygen Demand	IS:3025(Part-58)-2006	mg/l	250	102
8	Biochemical Oxygen Demand (3 days at 27°C)	IS:3025(Part-44)-1993	mg/l	100	70
9	Oil & Grease	IS:3025(Part-39)-1991	mg/l	10	<1.0
10	Total Hardness as CaCO3	IS:3025(Part-21)-2012	mg/l	--	4,265
11	Total Alkalinity as CaCO3	IS:3025(Part-23)-2012	mg/l	--	790
12	P- Alkalinity as CaCO3	IS:3025(Part-13)-1964	mg/l	--	Nil
13	Turbidity	IS:3025(Part-10)-2012	NTU	--	33.5
14	Calcium as Ca	IS:3025(Part-40)-2012	mg/l	--	1,641
15	Magnesium as Mg	IS:3025(Part-46)-2012	mg/l	--	286
16	Sodium as Na	IS:3025(Part-45)1993	mg/l	--	685

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S. No	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
17	Potassium as K	IS:3025(Part-45)1993	mg/l	--	264
18	Chloride as Cl	IS:3025(Part-32)-2012	mg/l	--	7,506
19	Sulphates as SO ₄	IS:3025(Part-24)-2012	mg/l	--	764
20	Nitrates as NO ₃	IS:3025(Part-34)-2012	mg/l	--	42.3
21	Carbonates as CO ₃	IS:3025(Part-51)-2017	mg/l	--	Nil
22	Bio Carbonates as HCO ₃	IS:3025(Part-51)-2017	mg/l	--	461
23	Iron as Fe	IS:3025(Part-53)-2012	mg/l	--	2.7
24	Fluoride as F	IS:3025(Part-60)-2012	mg/l	--	1.6
25	Copper as Cu	IS:3025(Part-42)-2012	mg/l	--	0.84
26	Manganese as Mn	IS:3025(Part-59)-2012	mg/l	--	0.65
27	Phenolic Compounds as C ₆ H ₅ OH	IS:3025(Part-43)-2012	mg/l	--	<0.005
28	Cadmium as Cd	IS:3025(Part-41)-2012	mg/l	2.0	<0.005
29	Mercury as Hg	IS:3025(Part-48)-2012	mg/l	0.01	<0.001
30	Selenium as Se	IS:3025(Part-56)-2012	mg/l	--	<0.005
31	Arsenic as As	IS:3025(Part-37)-2012	mg/l	0.2	<0.01
32	Cyanide as CN	IS:3025(Part-27)-2012	mg/l	--	<0.01
33	Lead as Pb	IS:3025(Part-47)-2012	mg/l	2.0	<0.01
34	Zinc as Zn	IS:3025(Part-49)-2012	mg/l	--	0.52
35	Hexavalent Chromium as Cr+6	IS:3025(Part-38)-1964	mg/l	1.0	<0.001
36	Boron as B	IS:3025(Part-57)-2012	mg/l	--	0.008
37	Silica as SiO ₂	IS:3025(Part-35)-2019	mg/l	--	30.6

Note: IS- Indian Standard

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P. Suresh K.
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TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Marine Outfall Water Date of Sampling: 20.05.2025 Sample Collected By: Ganesh	Sample Registration Date: 21.05.2025 Analysis Starting Date: 21.05.2025 Analysis Completed Date: 27.05.2025 Issue Date: 27.05.2025 Lab Ref: SEPL/ES/SEILEILP/05-25/0002

TEST RESULT

TEST SPECIES	SOURCE OF ORGANISM	LENGTH & WEIGHT (For Fish)	REMARKS
Zebra Fish	Through vendors	1. Length 4.8 cm 2. Weight 3.9 gm	1. Fish were not fed <u>Yes</u> 2. Temperature range in aquarium 25°C

REFERENCE TEST DATA

START DATE: 21.05.2025 END DATE: 27.05.2025
COMMENTS:
The test species was undergone toxicity for about 96 Hrs. RESULT: 98% survival of fish was noticed

Testing: As per M.L Jackson & FAO –Food and Agriculture Organization

K.S.Laj
Verified by



P. Suresh K.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Marine Outfall Water Date of Sampling: 26.08.2025 Sample Collected By: Ganesh	Sample Registration Date: 28.08.2025 Analysis Starting Date: 28.08.2025 Analysis Completed Date: 02.09.2025 Issue Date: 02.09.2025 Lab Ref: SEPL/ES/SEILEILP/08-25/0001

TEST RESULT

S. NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1	pH	IS:3025(Part-11)1983	--	6.5-8.5	6.9
2	Temperature Intake	--	°C	Shall not exceed 5°C above the Receiving temperature	23.8
3	Temperature Out Fall	--	°C		25.6
4	Electric Conductivity	IS: 3025:1964	µs/cm	--	27,672
5	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	--	18,598
6	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	100	95
7	Chemical Oxygen Demand	IS:3025(Part-58)-2006	mg/l	250	84
8	Biochemical Oxygen Demand (3 days at 27°C)	IS:3025(Part-44)-1993	mg/l	100	76
9	Oil & Grease	IS:3025(Part-39)-1991	mg/l	10	<1.0
10	Total Hardness as CaCO ₃	IS:3025(Part-21)-2012	mg/l	--	4,401
11	Total Alkalinity as CaCO ₃	IS:3025(Part-23)-2012	mg/l	--	800
12	P- Alkalinity as CaCO ₃	IS:3025(Part-13)-1964	mg/l	--	Nil
13	Turbidity	IS:3025(Part-10)-2012	NTU	--	34.9
14	Calcium as Ca	IS:3025(Part-40)-2012	mg/l	--	1,581
15	Magnesium as Mg	IS:3025(Part-46)-2012	mg/l	--	282
16	Sodium as Na	IS:3025(Part-45)1993	mg/l	--	691

K.S. Iyengar
Verified by



Praveesh W.
Authorized by
Managing Director

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S. No	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
17	Potassium as K	IS:3025(Part-45)-1993	mg/l	--	263
18	Chloride as Cl	IS:3025(Part-32)-2012	mg/l	--	7,460
19	Sulphates as SO ₄	IS:3025(Part-24)-2012	mg/l	--	774
20	Nitrates as NO ₃	IS:3025(Part-34)-2012	mg/l	--	46.7
21	Carbonates as CO ₃	IS:3025(Part-51)-2017	mg/l	--	Nil
22	Bio Carbonates as HCO ₃	IS:3025(Part-51)-2017	mg/l	--	491
23	Iron as Fe	IS:3025(Part-53)-2012	mg/l	--	2.4
24	Fluoride as F	IS:3025(Part-60)-2012	mg/l	--	1.9
25	Copper as Cu	IS:3025(Part-42)-2012	mg/l	--	0.88
26	Manganese as Mn	IS:3025(Part-59)-2012	mg/l	--	0.96
27	Phenolic Compounds as C ₆ H ₅ OH	IS:3025(Part-43)-2012	mg/l	--	<0.005
28	Cadmium as Cd	IS:3025(Part-41)-2012	mg/l	2.0	<0.005
29	Mercury as Hg	IS:3025(Part-48)-2012	mg/l	0.01	<0.001
30	Selenium as Se	IS:3025(Part-56)-2012	mg/l	--	<0.005
31	Arsenic as As	IS:3025(Part-37)-2012	mg/l	0.2	<0.01
32	Cyanide as CN	IS:3025(Part-27)-2012	mg/l	--	<0.01
33	Lead as Pb	IS:3025(Part-47)-2012	mg/l	2.0	<0.01
34	Zinc as Zn	IS:3025(Part-49)-2012	mg/l	--	0.61
35	Hexavalent Chromium as Cr+6	IS:3025(Part-38)-1964	mg/l	1.0	<0.001
36	Boron as B	IS:3025(Part-57)-2012	mg/l	--	0.004
37	Silica as SiO ₂	IS:3025(Part-35)-2019	mg/l	--	31.0

Note: IS- Indian Standard

K.S.Laj
Verified by



P. Suresh K.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035
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TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Marine Outfall Water Date of Sampling: 26.08.2025 Sample Collected By: Ganesh	Sample Registration Date: 28.08.2025 Analysis Starting Date: 28.08.2025 Analysis Completed Date: 02.09.2025 Issue Date: 02.09.2025 Lab Ref: SEPL/ES/SEILEILP/08-25/0002

TEST RESULT

TEST SPECIES	SOURCE OF ORGANISM	LENGTH & WEIGHT (For Fish)	REMARKS
Zebra Fish	Through vendors	1. Length 4.7 cm 2. Weight 4.2 gm	1. Fish were not fed <u>Yes</u> 2. Temperature range in aquarium 28°C

REFERENCE TEST DATA

START DATE: 28.08.2025 END DATE: 02.09.2025
COMMENTS:
The test species was undergone toxicity for about 96 Hrs. RESULT: 95% survival of fish was noticed

Testing: As per M.L.Jackson & FAO –Food and Agriculture Organization

K.S.Laj
Verified by



P. Suresh K.
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Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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ANNEXURE-VII

TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: STP OUTLET Date of Monitoring: 20.05.2025 Sample Collected By: Ganesh	Sample Registration Date: 21.05.2025 Analysis Starting Date: 21.05.2025 Analysis Completed Date: 27.05.2025 Issue Date: 27.05.2025 Lab Ref: SEPL/ES/SEILEILP/05-25/0002

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARD	RESULTS
1.	pH	IS:3025(Part-11)1983	--	5.5-9.0	7.3
2.	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	<2100	142
3.	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	<200	59
4.	Chemical Oxygen Demand	IS:3025(Part-58)-1986	mg/l	<250	72
5.	Biochemical Oxygen Demand (5 days at 20°C)	IS:3025(Part-44)-1993	mg/l	<100	24
6.	Oil & Grease	IS:3025(Part-39)-1991	mg/l	<10	<1.0

Note: IS-Indian Standard

K.S.Laj
Verified by



P. Suresh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Water

Product: STP OUTLET

Date of Monitoring: 26.08.2025

Sample Collected By: Ganesh

Sample Registration Date: 28.08.2025

Analysis Starting Date: 28.08.2025

Analysis Completed Date: 02.09.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0002

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARD	RESULTS
1.	pH	IS:3025(Part-11)1983	--	5.5-9.0	7.4
2.	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	<2100	181
3.	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	<200	64
4.	Chemical Oxygen Demand	IS:3025(Part-58)-1986	mg/l	<250	73
5.	Biochemical Oxygen Demand (5 days at 20°C)	IS:3025(Part-44)-1993	mg/l	<100	24
6.	Oil & Grease	IS:3025(Part-39)-1991	mg/l	<10	<1.0

Note: IS-Indian Standard

K.S. Jag
Verified by



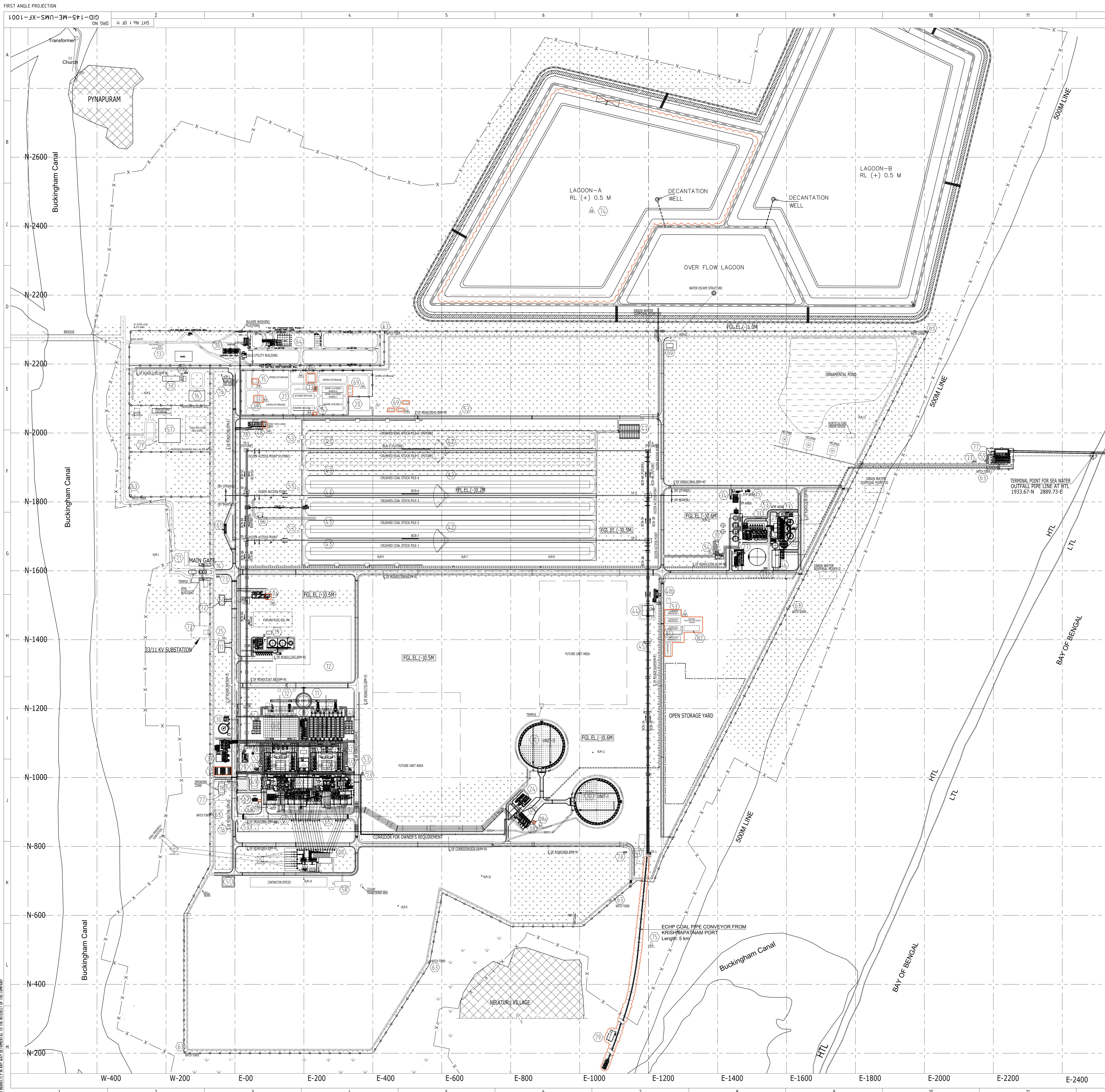
Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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S.NO.	DESCRIPTION	BLDG SIZE IN METERS	TOTAL MOTOR RATING IN HP
82.	CHEMICAL STORAGE SHED	20 X 50	25728
81.	CONTRACTOR WAREHOUSE SHEDS - 5 Nos	20 X 50	-
80.	LUBRICANT STORAGE SHED	20 X 20	-
79.	PORT END ECHP MCC ROOM	-	86.5
78.	MISCELLANEOUS MCC ROOM	-	-
77.	AQHS STATION - 4Nos	-	-
76.	HORIZONTAL U/G WATER TANKS - 2Nos	-	-
75.	ECHP COAL PIPE CONVEYING SYSTEM	-	-
74.	ASH POND & LAGOON-A FIRST HEIGHT RAISING	EXIST - 44 Lakhs Cu.m EXTEN - 15 Lakhs Cu.m	-
73.	ASSEMBLY POINTS - 8 Nos	-	-
72.	SUBSTATION FOR CONSTRUCTION POWER (DECOMMISSIONED)	-	2983.58
71.	TWO WHEELER PARKING SHED	5 X 20 - 4 Nos	-
70.	CAR PARKING SHED - 3 Nos	-	-
69.	PAINT & E-WASTE STORAGE SHED - 5 Nos	15 X 5, EACH	-
68.	WASTE OIL & NEW OIL SHEDS	-	-
67.	BOFAD COOLING TOWER & PUMPS	8 X 26	-
66.	SURFACE FEEDER & MCC ROOM	17 X 8	354
65.	HYDROGEN FILLING SHED - 2Nos	4 X 8, EACH	-
64.	FLY ASH UTILIZATION AREA	215 X 55	-
63.	WATCH TOWERS - 8 Nos	4.55 X 4.07	-
62b.	AIR WASHER ROOM (UNIT-II) & DG SET	28.5 X 18	6514.75
62a.	AIR WASHER ROOM (UNIT-I), COMPRESSOR HOUSE & BOP AUXILIARY PUMP HOUSE BOP CT	28.5 X 18	3289
61.	ROAD WEIGH BRIDGE/CONTROL ROOM	5 X 3	3
60.	ASH WATER RECOVERY PUMP HOUSE & SLUMP	15.5X 11.5, 20 X 10	619
59.	SEA WATER INTAKE PH & INTAKE FOREBAY	45.5 X 36.5	2535
58.	CANTEEN-2	50 X 15	10
57.	FIELD HOSTEL & CRECHE	17.24X 67.680	24
56.	CPU REGENERATION SYSTEM	18 X 24.48	1332
55.	CONDENSATE STORAGE TANKS - 2Nos	11 X 7 H, EACH	295
54.	REMINERALIZATION PLANT	10 X 35, 24 X 15	133
53.	REST ROOMS - 6 Nos	12.8 X 18	-
52.	MILL REJECT SILO UNIT - 2 Nos	9.35 X 5.5, EACH	-
51.	N2/H2/CO2 CYLINDER STORAGE SHEDS	10 X 14	-
50.	FIRST AID CENTRE	7.665 X 14.240	8
49.	SERVICE BUILDING	36.52 X 32.5	542
48.	BULLDOZER SHED & STORAGE SHED	30 X 10.8, 7.5 X 10.8	-
47.	COAL PILE RUNOFF POND	60 X 30	80
46.	SEA WATER OUTFALL TANK & PUMP HOUSE	14.7 X 4.5, 19.5	1822
45.	TFS - 12 Nos & CONVEYOR BELTS - 13 Nos	-	13433
44.	CRUISER HOUSE	33.6 X 28	9672
43.	COAL STORAGE YARD	840 X 50 - 4 Nos	-
42.	COAL STACKER CUM RECLAIMER - 2 Nos	-	2026
41.	TP-1 CONTROL ROOM & PORT END CONTROL ROOM	40 X 17.5	2984
40b.	CHP SWITCH GEAR ROOM-II	35.8 X 5	8
40a.	CHP SWITCH GEAR AND CONTROL ROOM-I	38.3 X 9, 12 X 8.9	74
39.	FULL/EMPTY CYLINDER STORAGE SHEDS	15 X 3	-
38.	ASH COMPRESSOR HOUSE	13.5 X 59	4866
37.	ASH SLURRY & ASH WATER PUMP HOUSE	59.5 X 12	3160
36.	FLY ASH SILOS & SILO UTILITY BUILDING	12 X 15.9 H - 3 Nos & 12.5 X 15.9	550
35.	SEWAGE TREATMENT PLANT	15 X 8	25
34.	EFFLUENT TREATMENT PLANT	26 X 36	115
33.	PROJECT OFFICE	50 X 15	14
32.	DM STORAGE TANK	12.5 X 9.5 H - 2Nos	463
31.	RO & DM PLANT	68.64 X 27.35	3049
30.	CLARIFLOCCULATOR FOR ASH HANDLING & CHEMICAL HOUSE	28.2 X 4.5 H	16
29.	AUXILIARY BOILER	18 X 26	349
28.	FILTER WATER STORAGE TANK AND PUMP HOUSE	26.8 X 10.4, 12.3 X 6	672
27.	PRODUCT CUM FIRE WATER STORAGE TANK AND PUMP HOUSE	50 X 5.925H	3215
26.	FIRE WATER BOOSTER PUMP HOUSE	18.5 X 39.78, 28 X 6.72	52
25.	WEATHER STATION - 1 No	5 X 6.4	4
24.	ELECTRO CHLORINATION BUILDING	30 X 32.5	2103
23.	CHEMICAL HOUSE FOR PRE-TREATMENT AREA & RO-DM	31.7 X 10.4	20
22.	DISSOLVED AIR FLOTATION TANKS - 2 Nos	17.3 X 3.0 H, EACH	310
21.	WARE HOUSE-1&2, STORE OFFICE	60 X 15, 59.12 X 59.228	14
20.	WORK SHOP	60 X 40	36
19.	FUEL OIL STORAGE TANKS & PUMP HOUSE	50 X 10, 23 X 45, 78 X 30	676
18.	CANTEEN-1	35.145 X 18.175	56
17.	FIRE STATION & EMERGENCY COMMAND CENTER	20 X 33.79	10
16.	ADMINISTRATION BUILDING	45 X 30	610
15.	WASTE OIL STORAGE & DIESEL BOWSER SHEDS	12 X 8	-
14.	MAIN GATE COMPLEX WITH ATM	18.75 X 6.5, 5.4 X 2.8	14
13.	ASH WEIGHT BRIDGE	3 X 3	3
12.	SPACE FOR FGD	-	-
11.	CHIMNEY	31.4 X 274.7 H	15
10.	COOLING TOWER UNIT-II (NDCIT)	131.130 X 174 H	-
9.	COOLING TOWER UNIT-I (NDCIT)	131.130 X 174 H	-
08a.	CW FORE BAY CHEMICAL STORE ROOM	6 X 4	-
08.	CW PUMP HOUSE	53 X 17	25086
07.	COAL MILL BAY	14 X 50 - 4 Nos	-
06.	GIS BUILDING & CONTROL ROOM	38 X 16.1, 53.7 X 12.23	139
05.	TRANSFORMER AREA	73.5 X 46, 66 X 46	196
04b.	ESP SWITCHGEAR & CONTROL ROOM (UNIT-II)	19.96 X 35.5	287
04a.	ESP SWITCHGEAR & CONTROL ROOM (UNIT-I)	19.96 X 35.5	287
03b.	ELECTROSTATIC PRECIPITATOR (UNIT-II)	99 X 64	23122
03a.	ELECTROSTATIC PRECIPITATOR (UNIT-I)	99 X 64	23122
02b.	STEAM GENERATOR (UNIT-II)	49 X 52.1	89866
02a.	STEAM GENERATOR (UNIT-I)	49 X 52.1	89866
01.	STG BUILDING	249 X 40.6	49788

NOTES:

- ALL DIMENSIONS AND LEVELS INDICATED ARE IN METERS, UNLESS OTHERWISE SPECIFIED.
- ALL ELEVATIONS ARE REFERRED TO THE TOP OF FFL OF STG BUILDING EL(+0.0) M WHICH CORRESPONDS TO RL(+0.0) ABOVE MSL.
- PLANT COORDINATES (0.000,0.000) CORRESPONDS TO 1583200N, 406800 EUTM.
- ALL "REDUCED LEVELS" (RL) SHOWN IN THIS DRAWING SHALL BE REFERRED TO MSL(+0.0) M.
- THE HIGHEST FLOOD LEVEL (HFL) FOR THE POWER PLANT IS RL(+12.0M) ABOVE MSL.
- LAYOUT OF VARIOUS STRUCTURES & FACILITIES IN OWNER'S SCOPE AS SHOWN IN THIS DRAWING IS INDICATIVE ONLY. THE EXACT LOCATION AND LAYOUT SHALL BE FINALIZED DURING DETAILED ENGINEERING STAGE.

LEGEND:

REFL	REFERENCE LEVEL	BC	BUCKINGHAM CANAL
FFL	FINISH FLOOR LEVEL	PL	PLANT BOUNDARY
FG	FINISH GROUND LEVEL	PF	PROPERTY FENCE
GL	GREEN BELT AREA	R	ROADS
OP	ORNAMENTAL POND		

ENG. REF. DWGS.

A. BGR DWGS.:

DWG. NO.	TITLE
1. GID-145-CV-U2A-DWG-3006 (Rev.-D)	LAYOUT OF PLANT ROADS
2. GID-145-CV-U2H-DWG-3008 (Rev.-E)	LAYOUT OF STORM WATER DRAINS
3. GID-145-ME-UMY-XM-1257 (Rev.-A)	PIPING LAYOUT FOR OVER ALL PIPE RACK

B. DEC/CUSTOMER DWGS.:

DWG. NO.	TITLE
1. TB600-301-12	CGA DRAWING OF MAIN PLANT BUILDING
2. TPCIL-01-PP-01-001	GENERAL LAYOUT PLAN

ASSEMBLY POINTS

S.No	Location	REF. BLDG No.
I	MAIN GATE	14
II	ADMIN BUILDING	16
III	SERVICE BUILDING	49
IV	PRODUCT CUM FIRE WATER STORAGE TANK AND PUMP HOUSE	27
V	WARE HOUSE	21
VI	BOILER-2	07
VII	TP-1 CONTROL ROOM & PORT END CONTROL ROOM	41
VIII	SEA WATER INTAKE PUMP HOUSE	59

FOR FACTORY INSPECTOR APPROVAL

ZONE	REV	DESCRIPTION	DATE	DRN.	CIVIL	MECH.	ELEC.	H.O.D.
H		REVISED AS MARKED AND SUBMITTED FOR FACTORY INSPECTOR APPROVAL	20.09.21	VNK	BVSR	B.V SRINIVAS/VVKS		BVSR
G		REVISED AS PER SITE MODIFICATIONS AND SUBMIT FOR FACTORY INSPECTOR APPROVAL	05.05.19	VNK	BVSR	S.PRAVEEN/VJLN/BHARATH		BR
F		REVISED AS PER TCR/PI COMMENTS VIDE TRANS. CNT 110917/PM-6/2/6879/530 DATED 06.11.19	23.01.13	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-
E		REVISED AS PER TCR/PI COMMENTS VIDE TRANS. CNT 110917/PM-6/2/6879/530 DATED 12.12.11	14.05.12	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-
D		REVISED AS PER PI COMMENTS VIDE TRANS. CNT 110917/PM-6/2/3483/271 DATED 24.08.11	18.10.11	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-

REVISIONS

S.No	DESCRIPTION	DATE	DRN.	CIVIL	MECH.	ELEC.	H.O.D.
H	REVISED AS MARKED AND SUBMITTED FOR FACTORY INSPECTOR APPROVAL	20.09.21	VNK	BVSR	B.V SRINIVAS/VVKS		BVSR
G	REVISED AS PER SITE MODIFICATIONS AND SUBMIT FOR FACTORY INSPECTOR APPROVAL	05.05.19	VNK	BVSR	S.PRAVEEN/VJLN/BHARATH		BR
F	REVISED AS PER TCR/PI COMMENTS VIDE TRANS. CNT 110917/PM-6/2/6879/530 DATED 06.11.19	23.01.13	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-
E	REVISED AS PER TCR/PI COMMENTS VIDE TRANS. CNT 110917/PM-6/2/6879/530 DATED 12.12.11	14.05.12	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-
D	REVISED AS PER PI COMMENTS VIDE TRANS. CNT 110917/PM-6/2/3483/271 DATED 24.08.11	18.10.11	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-

APPROVED

NAME	SIGN	DATE	SHEET	NO. OF VAR.
VNK	Sd/-	12.03.19	AO	N.A.
B.V SRINIVAS/VVKS	Sd/-	12.03.19		N.A.
BVSR	Sd/-	12.03.19		N.A.

REVISIONS

NO.	DESCRIPTION	DATE	DRN.	CIVIL	MECH.	ELEC.	H.O.D.
1.	MAIN PLANT, SWITCHYARD, COAL STOCK PILE	FG.EL.(-)0.5M					
2.	CT, WATER SYSTEM AREA	FG.EL.(-)0.6M					
3.	ASH POND AREA	FG.EL.(-)1.0M					



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TEST REPORT

ANNEXURE-IX

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution
Product: Noise Monitoring (24 Hrs.)- MAY 2025
Sampling Location-1: Main Gate

Sample Registration Date: 21.05.2025
Issue Date: 27.05.2025
Lab Ref: SEPL/ES/SEILEILP/05-25/0001

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	20.05.2025	00:00	32.5
2		01:00	29.4
3		02:00	36.1
4		03:00	34.5
5		04:00	36.8
6		05:00	33.1
7		06:00	51.9
8		07:00	48.9
9		08:00	55.6
10		09:00	52.0
11		10:00	45.7
12		11:00	50.9
13		12:00	57.1
14		13:00	54.3
15		14:00	44.5
16		15:00	57.8
17		16:00	51.9
18		17:00	55.9
19		18:00	51.9
20		19:00	53.2
21		20:00	45.8
22		21:00	50.3
23		22:00	47.9
24		23:00	40.2

CPCB Standard: Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No : 11180097640

Calibration Due : 28.02.2026

K.S.Laj
Verified by



P. Praveesh W.S.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur(M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution
Product: Noise Monitoring (24 Hrs.)- MAY 2025
Sampling Location-2: BTG Area

Sample Registration Date: 21.05.2025
Issue Date: 27.05.2025
Lab Ref: SEPL/ES/SEILEILP/05-25/0002

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	20.05.2025	00:00	44.8
2		01:00	36.7
3		02:00	35.2
4		03:00	34.2
5		04:00	45.2
6		05:00	44.8
7		06:00	50.1
8		07:00	51.3
9		08:00	46.3
10		09:00	52.3
11		10:00	45.1
12		11:00	39.6
13		12:00	57.2
14		13:00	49.5
15		14:00	44.7
16		15:00	40.3
17		16:00	56.3
18		17:00	42
19		18:00	56.3
20		19:00	43.6
21		20:00	48.5
22		21:00	49.1
23		22:00	46.8
24		23:00	37.6

CPCB Standard: Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Standard/SC-05

Serial No. : 200525272

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- MAY 2025

Sampling Location-3: Coal Handling Plant

Sample Registration Date: 21.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0003

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	20.05.2025	00:00	32.4
2		01:00	34.1
3		02:00	43.1
4		03:00	35.9
5		04:00	44.7
6		05:00	36.2
7		06:00	55.1
8		07:00	45.3
9		08:00	42.6
10		09:00	42.9
11		10:00	55.8
12		11:00	43.7
13		12:00	46.8
14		13:00	53.2
15		14:00	55.1
16		15:00	49.1
17		16:00	51.2
18		17:00	58.9
19		18:00	52.7
20		19:00	59.7
21		20:00	43.8
22		21:00	41.2
23		22:00	44.9
24		23:00	47.3

CPCB Standard: Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Lutron /SL-34001

Serial No. : Q6352440

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.S.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- MAY 2025

Sampling Location-4: Pattapupalem Village

Sample Registration Date: 21.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0004

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	20.05.2025	00:00	31.4
2		01:00	31.6
3		02:00	34.5
4		03:00	37.2
5		04:00	25.4
6		05:00	35.8
7		06:00	45.6
8		07:00	48.7
9		08:00	38.1
10		09:00	41.1
11		10:00	42.3
12		11:00	44.7
13		12:00	42
14		13:00	34.2
15		14:00	41.6
16		15:00	39.7
17		16:00	34.8
18		17:00	48.2
19		18:00	41.8
20		19:00	47.5
21		20:00	45.6
22		21:00	37.5
23		22:00	36.1
24		23:00	25.7

CPCB Standard: Day Time: (6 AM-10 PM) <55 dB (A), Night Time: (10 PM-6 AM) <45 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No : 11180097641

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur(M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution
Product: Noise Monitoring (24 Hrs.)- MAY 2025
Sampling Location-5: Painampuram Village

Sample Registration Date: 21.05.2025
Issue Date: 27.05.2025
Lab Ref: SEPL/ES/SEILEILP/05-25/0005

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	20.05.2025	00:00	33.1
2		01:00	32.3
3		02:00	38.5
4		03:00	35.2
5		04:00	37.6
6		05:00	43.1
7		06:00	43.8
8		07:00	45
9		08:00	41.2
10		09:00	47.9
11		10:00	46.3
12		11:00	44.2
13		12:00	42.4
14		13:00	45.8
15		14:00	37.4
16		15:00	40.3
17		16:00	46.3
18		17:00	48.9
19		18:00	45.7
20		19:00	42.6
21		20:00	37.9
22		21:00	42.3
23		22:00	35
24		23:00	38.9

CPCB Standard: Day Time: (6 AM-10 PM) <55 dB (A), Night Time: (10 PM-6 AM) <45 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No. : 11180097642

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- MAY 2025

Sampling Location-6: Nelaturu Village

Sample Registration Date: 21.05.2025

Issue Date: 27.05.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0006

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	20.05.2025	00:00	31.8
2		01:00	42.7
3		02:00	37.9
4		03:00	27.1
5		04:00	37.2
6		05:00	40.1
7		06:00	38
8		07:00	33.2
9		08:00	47.3
10		09:00	42.4
11		10:00	34.8
12		11:00	47.2
13		12:00	48.6
14		13:00	54.8
15		14:00	45.2
16		15:00	43.1
17		16:00	46.7
18		17:00	41.4
19		18:00	38..5
20		19:00	37.5
21		20:00	41.2
22		21:00	48.2
23		22:00	48.1
24		23:00	36.2

CPCB Standard: Day Time: (6 AM-10 PM) <55 dB (A), Night Time: (10 PM-6 AM) <45 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No : 11180097643

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Group: Atmospheric Pollution	Sample Registration Date: 21.05.2025
Product: Noise Monitoring (24 Hrs.)- MAY 2025	Issue Date: 27.05.2025
Date of Sampling: 20-05-2025	Lab Ref: SEPL/ES/SEILEILP/05-25/0007

TEST RESULT

Particulars	Main Gate dB (A)	BTG Area dB (A)	Coal Handling Plant dB (A)	Pattapupalem Village dB (A)	Painampuram Village dB (A)	Nelaturu Village dB (A)
	Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)			Day Time: (6 AM-10 PM) < 55 dB (A), Night Time: (10 PM-6 AM) < 45 dB (A)		
Minimum	29.4	34.2	32.4	25.4	32.3	27.1
Maximum	57.8	57.2	59.7	48.7	48.9	54.8
Average	46.5	45.7	46.4	38.7	41.3	41.3

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution
Product: Noise Monitoring (24 Hrs.)- AUGUST 2025
Sampling Location-1: Main Gate

Sample Registration Date: 28.08.2025
Issue Date: 02.09.2025
Lab Ref: SEPL/ES/SEILEILP/08-25/0001

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	26.08.2025	00:00	38.1
2		01:00	32.7
3		02:00	43.3
4		03:00	34.4
5		04:00	36.7
6		05:00	35.5
7		06:00	57.1
8		07:00	49.8
9		08:00	59.1
10		09:00	53.2
11		10:00	52.8
12		11:00	53.7
13		12:00	56.3
14		13:00	53.6
15		14:00	52.2
16		15:00	59.8
17		16:00	55.6
18		17:00	54.7
19		18:00	57.3
20		19:00	55.2
21		20:00	47.2
22		21:00	57.6
23		22:00	53.2
24		23:00	50.8

CPCB Standard: Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No : 11180097640

Calibration Due : 28.02.2026

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- AUGUST 2025

Sampling Location-2: BTG Area

Sample Registration Date: 28.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0002

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	26.08.2025	00:00	43.4
2		01:00	36.6
3		02:00	35.6
4		03:00	39.7
5		04:00	43.9
6		05:00	42
7		06:00	49.6
8		07:00	47.2
9		08:00	50.3
10		09:00	55.7
11		10:00	53.9
12		11:00	44.3
13		12:00	55.5
14		13:00	43.7
15		14:00	51.8
16		15:00	46.8
17		16:00	51.2
18		17:00	46.9
19		18:00	53.7
20		19:00	46.1
21		20:00	49.9
22		21:00	50.1
23		22:00	46.7
24		23:00	45.2

CPCB Standard: Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Standard/SC-05

Serial No. : 200525272

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- AUGUST 2025

Sampling Location-3: Coal Handling Plant

Sample Registration Date: 28.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0003

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	26.08.2025	00:00	37.6
2		01:00	34.2
3		02:00	33.9
4		03:00	40.8
5		04:00	42.8
6		05:00	36.8
7		06:00	54.2
8		07:00	44.8
9		08:00	46.7
10		09:00	48.2
11		10:00	54.7
12		11:00	51.1
13		12:00	47.4
14		13:00	44.3
15		14:00	56.4
16		15:00	44.1
17		16:00	50.7
18		17:00	55.1
19		18:00	59.8
20		19:00	50.3
21		20:00	50.4
22		21:00	48.9
23		22:00	45.1
24		23:00	43.8

CPCB Standard: Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Lutron /SL-34001

Serial No. : Q6352440

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- AUGUST 2025

Sampling Location-4: Pattapupalem Village

Sample Registration Date: 28.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0004

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	26.08.2025	00:00	24.1
2		01:00	35.8
3		02:00	34.4
4		03:00	35.2
5		04:00	28.1
6		05:00	34.5
7		06:00	43.2
8		07:00	41.2
9		08:00	43.4
10		09:00	43.2
11		10:00	49.6
12		11:00	48.9
13		12:00	47.8
14		13:00	40.2
15		14:00	45.1
16		15:00	43.8
17		16:00	41.1
18		17:00	43.7
19		18:00	46.1
20		19:00	44.4
21		20:00	43.5
22		21:00	41.2
23		22:00	34.8
24		23:00	29.7

CPCB Standard: Day Time: (6 AM-10 PM) <55 dB (A), Night Time: (10 PM-6 AM) <45 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No : 11180097641

Calibration Due : 28.02.2025

K.S.Laj
Verified by



P. Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- AUGUST 2025

Sampling Location-5: Painampuram Village

Sample Registration Date: 28.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0005

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	26.08.2025	00:00	40.5
2		01:00	38.2
3		02:00	29.7
4		03:00	38.3
5		04:00	35.1
6		05:00	41.5
7		06:00	38.7
8		07:00	47.3
9		08:00	42.6
10		09:00	46.9
11		10:00	51.2
12		11:00	50.3
13		12:00	46.2
14		13:00	49.8
15		14:00	44.4
16		15:00	45.7
17		16:00	43.9
18		17:00	44.9
19		18:00	51.2
20		19:00	52.7
21		20:00	45.6
22		21:00	47.2
23		22:00	40.3
24		23:00	42.1

CPCB Standard: Day Time: (6 AM-10 PM) <55 dB (A), Night Time: (10 PM-6 AM) <45 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No. : 11180097642

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- AUGUST 2025

Sampling Location-6: Nelaturu Village

Sample Registration Date: 28.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0006

TEST RESULT

S. NO	DATE	TIME (Hrs.)	dB (A)
1	26.08.2025	00:00	31.8
2		01:00	36.5
3		02:00	31.2
4		03:00	24.1
5		04:00	36.6
6		05:00	29.3
7		06:00	41.3
8		07:00	33.4
9		08:00	45.2
10		09:00	47.1
11		10:00	40.2
12		11:00	43.7
13		12:00	49.9
14		13:00	52.2
15		14:00	52.3
16		15:00	47.1
17		16:00	48.2
18		17:00	38.7
19		18:00	42.7
20		19:00	41.3
21		20:00	46.8
22		21:00	44.1
23		22:00	44.4
24		23:00	36.6

CPCB Standard: Day Time: (6 AM-10 PM) <55 dB (A), Night Time: (10 PM-6 AM) <45 dB (A)

Instrument Details: Sound Level Meter

Make/Model : Metravi/SL-3010

Serial No : 11180097643

Calibration Due : 28.02.2025

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

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M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Group: Atmospheric Pollution

Product: Noise Monitoring (24 Hrs.)- AUGUST 2025

Date of Sampling: 26.08.2025

Sample Registration Date: 28.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0007

TEST RESULT

Particulars	Main Gate dB (A)	BTG Area dB (A)	Coal Handling Plant dB (A)	Pattapupalem Village dB (A)	Painampuram Village dB (A)	Nelaturu Village dB (A)
	Day Time: (6 AM-10 PM) < 75 dB (A), Night Time: (10 PM-6 AM) < 70 dB (A)			Day Time: (6 AM-10 PM) < 55 dB (A), Night Time: (10 PM-6 AM) < 45 dB (A)		
Minimum	32.7	35.6	33.9	24.1	29.7	24.1
Maximum	59.8	55.7	59.8	49.6	52.7	52.3
Average	50.0	47.0	46.7	40.1	43.9	41.0

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ANNEXURE-X

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram/ Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Atmospheric Pollution Product: Ambient Air Quality Monitoring – APRIL 2025 Location-1: Fire Station (Plant)	Sample Registration Date: 30.04.2025 Issue Date: 07.05.2025 Lab Ref: SEPL/ES/SEILEILP/04-25/0001 Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
07.04.2025	43.6	10.7	21.6	10.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.04.2025	38.7	15.6	19.8	20.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.04.2025	39.2	31.1	12.6	15.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.04.2025	44.6	30.2	11.5	16.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.04.2025	28.7	24.6	19.6	19.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.04.2025	49.2	19.8	20.7	10.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.04.2025	44.7	19.7	11.2	20.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.04.2025	42.6	21.3	20.4	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	28.7	10.7	11.2	10.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	49.2	31.1	21.6	20.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	41.4	21.6	17.2	16.0	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	48.6	31.0	21.5	20.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220830
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/381-DTG-2007
Make : Envirotech
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

Form No : F-7.8-02

Issue No & Date 01& 20.06.2019

Amend. No & Dt.: 00 & 00

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),

Near Pynampuram / Nelaturu (V), Muthukur (M),

SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – APRIL 2025

Location-2: Pattapupalem Village

Sample Registration Date: 30.04.2025

Issue Date: 07.05.2025

Lab Ref: SEPL/ES/SEILEILP/04-25/0002

Sample collected person details: S. Ganesh

TESTRESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
07.04.2025	41.6	25.8	19.8	16.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.04.2025	38.7	18.7	8.6	21.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.04.2025	45.6	31.4	23.8	13.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.04.2025	42.8	38.9	21.4	7.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.04.2025	32.5	25.8	19.7	19.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.04.2025	49.2	18.7	17.8	10.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.04.2025	35.6	15.7	21.5	20.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.04.2025	39.2	41.5	12.4	8.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	32.5	15.7	8.6	7.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	49.2	41.5	23.8	21.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.7	27.1	18.1	21.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	48.7	41.1	23.5	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220831
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : AAQM-60/220518
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/S. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),

Near Pynampuram / Nelaturu (V), Muthukur (M),

SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – APRIL 2025

Location-3: Painampuram Village

Sample Registration Date: 30.04.2025

Issue Date: 07.05.2025

Lab Ref: SEPL/ES/SEILEILP/04-25/0003

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
07.04.2025	49.7	39.6	13.1	19.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.04.2025	53.1	19.2	11.2	20.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.04.2025	38.5	28.7	16.8	15.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.04.2025	51.9	35.2	15	9.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.04.2025	48.6	32.5	10.9	13.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.04.2025	40.2	32.6	19.1	20.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.04.2025	52.7	30.4	12.6	10.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.04.2025	39.1	29.8	15.5	19.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	38.5	19.2	10.9	9.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	53.1	39.6	19.1	20.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	46.7	31.0	14.3	16.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	53.0	39.0	18.8	20.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ 510 / 220732
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/503-DTG-2008
Make : Envirotech
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

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M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – APRIL 2025

Location-4: Nelaturu Village

Sample Registration Date: 30.04.2025

Issue Date: 07.05.2025

Lab Ref: SEPL/ES/SEILEILP/04-25/0004

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
07.04.2025	30.5	19.6	15.8	20.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.04.2025	43.6	41.7	16.9	19.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.04.2025	38.9	25.8	18.7	8.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.04.2025	36.6	38.5	20.4	15.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.04.2025	42.1	29.7	15.5	11.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.04.2025	34.6	40.8	13.4	10.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.04.2025	28.4	35.8	22.8	14.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.04.2025	49.7	22.2	11.7	12.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	28.4	19.6	11.7	8.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	49.7	41.7	22.8	20.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	38.1	31.8	16.9	14.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	48.8	41.6	22.5	20.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAM-510 /1593 DTF2015
Make : Enviro tech
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APQ-600 NL/220517
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SUMMARY OF AMBIENT AIR QUALITY- APRIL 2025

Pollutants	Description	Unit	Fire Station (Plant)-1	Pattapupalem Village-2	Painampuram Village-3	Nelaturu Village-4
PM ₁₀	Minimum	μg/m ³	28.7	32.5	38.5	28.4
	Maximum		49.2	49.2	53.1	49.7
	Average		41.4	40.7	46.7	38.1
	98 Percentile		48.6	48.7	53.0	48.8
PM _{2.5}	Minimum		10.7	15.7	19.2	19.6
	Maximum		31.1	41.5	39.6	41.7
	Average		22.3	27.1	31.0	31.8
	98 Percentile		31.0	41.1	39.0	41.6
SO ₂	Minimum		11.2	8.6	10.9	11.7
	Maximum		21.6	23.8	19.1	22.8
	Average		17.2	18.1	14.3	16.9
	98 Percentile		21.5	23.5	18.8	22.5
NO _x	Minimum		10.6	7.9	9.7	8.7
	Maximum		20.7	21.4	20.4	20.9
	Average		16.0	21.3	16.1	14.3
	98 Percentile		20.6	13.5	20.4	20.7

K.S.Laj
Verified by



Bareesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram/ Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – MAY 2025

Location-1: Fire Station (Plant)

Sample Registration Date: 28.05.2025

Issue Date: 03.06.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0001

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
05.05.2025	39.2	19.8	17.7	9.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
06.05.2025	42.5	31.2	20.9	18.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.05.2025	47.6	14.4	15.5	16.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
13.05.2025	43.3	19.9	21.1	11.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.05.2025	36.1	36.5	18.8	17.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
20.05.2025	38.7	27.7	14.6	14.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.05.2025	32.8	18.3	10.7	11.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
27.05.2025	45.4	25.5	14.9	15.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	32.8	14.4	10.7	9.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	47.6	36.5	21.1	18.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.7	24.2	16.8	14.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	47.3	35.8	21.1	18.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220830
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/381-DTG-2007
Make : Envirotech
Calibration Due: 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

Form No : F-7.8-02

Issue No & Date 01& 20.06.2019

Amend. No & Dt.: 00 & 00

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – MAY 2025

Location-2: Pattapupalem village

Sample Registration Date: 28.05.2025

Issue Date: 03.06.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0002

Sample collected person details: S. Ganesh

TESTRESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
05.05.2025	44.6	29.6	15.9	6.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
06.05.2025	49.3	25.2	22.5	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.05.2025	34.4	30.2	12.5	13.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
13.05.2025	41.9	23.5	11.1	17.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.05.2025	39.5	33.8	16.4	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
20.05.2025	47.1	26.4	18.8	10.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.05.2025	36.2	17.7	23.7	12.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
27.05.2025	38.8	22.3	21.3	15.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	30.4	17.7	11.1	6.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	49.3	33.8	23.7	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	41.0	26.1	17.8	19.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	49.0	33.3	23.5	19.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220831
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : AAQM-60/220518
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/S. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – MAY 2025

Location-3: Painampuram Village

Sample Registration Date: 28.05.2025

Issue Date: 03.06.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0003

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
05.05.2025	47.3	29.7	9.9	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
06.05.2025	52.6	22.5	19.7	24.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.05.2025	43.4	32.1	17.8	23.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
13.05.2025	49.9	23.6	15.4	21.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.05.2025	41.5	23.2	12.5	19.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
20.05.2025	54.7	29.9	19.9	13.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.05.2025	43.3	36.1	16.2	17.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
27.05.2025	45.4	28.7	20.1	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	41.5	22.5	9.9	13.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	54.7	36.1	20.1	24.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	47.3	28.2	16.4	19.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	54.4	35.5	20.1	24.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ 510 / 220732
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/503-DTG-2008
Make : Envirotech
Calibration Due: 28.02.2026

K.S.Laj
Verified by



Bharath W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – MAY 2025

Location-4: Nelaturu Village

Sample Registration Date: 28.05.2025

Issue Date: 03.06.2025

Lab Ref: SEPL/ES/SEILEILP/05-25/0004

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
05.05.2025	37.1	35.6	21.1	16.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
06.05.2025	46.5	28.8	13.6	15.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.05.2025	35.9	22.4	9.8	20.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
13.05.2025	38.2	34.2	20.4	14.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.05.2025	42.2	29.7	22.5	11.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
20.05.2025	41.4	34.7	20.6	19.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.05.2025	45.3	33.3	19.8	16.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
27.05.2025	39.7	23.5	16.3	13.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	35.9	22.4	9.8	11.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	46.5	35.6	22.5	20.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.8	30.3	18.0	16.0	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	46.3	35.5	22.3	20.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAM-510 /1593 DTF2015
Make : Enviro tech
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APQ-600 NL/220517
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Lag
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail**: sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES**: VIJAYAWADA | HYDERABAD





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SUMMARY OF AMBIENT AIR QUALITY- MAY 2025

Pollutants	Description	Unit	Fire Station (Plant)-1	Pattapupalem Village-2	Painampuram Village-3	Nelaturu Village-4
PM ₁₀	Minimum	μg/m ³	32.8	30.4	41.5	35.9
	Maximum		47.6	49.3	54.7	46.5
	Average		40.7	41.0	47.3	40.8
	98 Percentile		47.3	49.0	54.4	46.3
PM _{2.5}	Minimum		14.4	17.7	22.5	22.4
	Maximum		36.5	33.8	36.1	35.6
	Average		24.2	26.1	28.2	30.3
	98 Percentile		35.8	33.3	35.5	35.5
SO ₂	Minimum		10.7	11.1	9.9	9.8
	Maximum		21.1	23.7	20.1	22.5
	Average		16.8	17.8	16.4	18.0
	98 Percentile		21.1	23.5	20.1	22.3
NO _x	Minimum		9.2	6.8	13.4	11.8
	Maximum		18.8	19.7	24.4	20.9
	Average		14.4	19.3	19.2	16.0
	98 Percentile		18.6	19.3	24.3	20.7

K.S.Laj
Verified by



Bareesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | E-mail: sepl.sjn@gmail.com | info@spectraenviro.com

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram/ Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical
Group: Atmospheric Pollution
Product: Ambient Air Quality Monitoring – JUNE 2025
Location-1: Fire Station (Plant)

Sample Registration Date: 04.06.2025
Issue Date: 09.06.2025
Lab Ref: SEPL/ES/SEILEILP/06-25/0001
Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
02.06.2025	38.6	18.9	16.2	10.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
03.06.2025	43.3	32.5	20.5	16.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.06.2025	45.2	16.7	17.5	15.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
10.06.2025	44.1	15.3	19.9	12.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.06.2025	35.8	37.8	19.4	16.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
17.06.2025	37.1	28.9	15.2	14.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.06.2025	30.4	19.1	16.7	10.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
24.06.2025	42.7	26.4	15.9	17.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	30.4	15.3	15.2	10.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	45.2	37.8	20.5	17.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	39.7	24.5	17.7	14.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	45.0	37.1	20.4	17.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220830
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/381-DTG-2007
Make : Envirotech
Calibration Due : 28.02.2026

K.S. Jay
Verified by



B. Ganesh
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

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Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – JUNE 2025

Location-2: Pattapupalem village

Sample Registration Date: 04.06.2025

Issue Date: 09.06.2025

Lab Ref: SEPL/ES/SEILEILP/06-25/0002

Sample collected person details: S. Ganesh

TESTRESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
02.06.2025	45.3	31.4	15.9	6.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
03.06.2025	48.7	26.3	22.5	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.06.2025	31.2	28.4	12.5	13.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
10.06.2025	40.6	24.6	11.1	17.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.06.2025	38.5	24.7	16.4	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
17.06.2025	46.4	27.8	18.8	10.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.06.2025	37.8	16.2	23.7	12.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
24.06.2025	39.9	25.9	21.3	15.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	31.2	16.2	11.1	6.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	48.7	31.4	23.7	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	41.1	25.7	17.8	19.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	48.4	31.0	23.5	19.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220831
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : AAQM-60/220518
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

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(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – JUNE 2025

Location-3: Painampuram Village

Sample Registration Date: 04.06.2025

Issue Date: 09.06.2025

Lab Ref: SEPL/ES/SEILEILP/06-25/0003

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
02.06.2025	48.4	30.4	11.3	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
03.06.2025	51.3	21.5	19.6	22.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.06.2025	42.1	33.6	18.5	26.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
10.06.2025	50.6	24.6	10.9	20.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.06.2025	40.5	25.7	22.7	21.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
17.06.2025	53.2	31.4	21.4	14.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.06.2025	42.6	37.9	16.5	19.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
24.06.2025	44.7	29.8	23.4	24.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	40.5	21.5	10.9	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	53.2	37.9	23.4	26.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	46.7	29.4	18.0	20.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	52.9	37.3	23.3	26.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ 510 / 220732
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/503-DTG-2008
Make : Envirotech
Calibration Due: 28.02.2026

K.S.Laj
Verified by



Bharath W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SPECTRA ENVIROTECH PVT LTD

Accredited by MoEF & Accredited by NABL (TC-13099)

Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – JUNE 2025

Location-4: Nelaturu Village

Sample Registration Date: 04.06.2025

Issue Date: 09.06.2025

Lab Ref: SEPL/ES/SEILEILP/06-25/0004

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
02.06.2025	36.4	36.4	22.6	17.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
03.06.2025	47.6	25.6	14.2	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.06.2025	34.2	26.3	15.4	21.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
10.06.2025	39.7	32.7	13.7	15.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.06.2025	43.5	28.7	23.9	13.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
17.06.2025	40.2	35.8	21.5	22.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.06.2025	44.1	31.1	20.8	12.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
24.06.2025	38.3	22.5	17.1	14.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	34.2	22.5	13.7	12.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	47.6	36.4	23.9	22.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.5	29.9	18.7	16.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	47.1	36.3	23.7	22.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAM-510 /1593 DTF2015
Make : Enviro tech
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APQ-600 NL/220517
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SUMMARY OF AMBIENT AIR QUALITY- JUNE 2025

Pollutants	Description	Unit	Fire Station (Plant)-1	Pattapupalem Village-2	Painampuram Village-3	Nelaturu Village-4
PM ₁₀	Minimum	μg/m ³	30.4	31.2	40.5	34.2
	Maximum		45.2	48.7	53.2	47.6
	Average		39.7	41.1	46.7	40.5
	98 Percentile		45.0	48.4	52.9	47.1
PM _{2.5}	Minimum		15.3	16.2	21.5	22.5
	Maximum		37.8	31.4	37.9	36.4
	Average		24.5	25.7	29.4	29.9
	98 Percentile		37.1	31.0	37.3	36.3
SO ₂	Minimum		15.2	11.1	10.9	13.7
	Maximum		20.5	23.7	23.4	23.9
	Average		17.7	17.8	18.0	18.7
	98 Percentile		20.4	23.5	23.3	23.7
NO _x	Minimum		10.1	6.8	13.5	12.2
	Maximum		17.6	19.7	26.9	22.6
	Average		14.3	19.3	20.4	16.7
	98 Percentile		17.5	19.3	26.5	22.4

K.S.Laj
Verified by



Bareesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram/ Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Atmospheric Pollution Product: Ambient Air Quality Monitoring – JULY 2025 Location-1: Fire Station (Plant)	Sample Registration Date: 08.07.2025 Issue Date: 31.07.2025 Lab Ref: SEPL/ES/SEILEILP/07-25/0001 Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.07.2025	39.2	19.7	17.1	11.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.07.2025	44.5	33.3	21.8	17.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
07.07.2025	46.3	17.4	18.2	16.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.07.2025	43.1	16.8	20.3	13.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.07.2025	36.7	38.9	18.7	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.07.2025	38.4	29.6	14.6	15.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.07.2025	31.6	20.1	15.9	12.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.07.2025	40	27.7	16.7	14.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.07.2025	37.8	31.2	19.7	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.07.2025	35.9	34.4	13.9	11.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	31.6	16.8	13.9	11.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	46.3	38.9	21.8	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	39.4	26.9	17.7	14.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	46.0	38.1	21.6	17.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220830
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/381-DTG-2007
Make : Envirotech
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

Form No : F-7.8-02

Issue No & Date 01& 20.06.2019

Amend. No & Dt.: 00 & 00

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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Cell: 80199 55222, 111 | BRANCHES: VIJAYAWADA | HYDERABAD





SPECTRA ENVIROTECH PVT LTD

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – JULY 2025

Location-2: Pattapupalem village

Sample Registration Date: 08.07.2025

Issue Date: 14.07.2025

Lab Ref: SEPL/ES/SEILEILP/07-25/0002

Sample collected person details: S. Ganesh

TESTRESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.07.2025	46.4	32.2	16.2	10.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.07.2025	49.1	27.8	23.7	20.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
07.07.2025	32.3	29.1	13.3	12.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.07.2025	41.5	25.6	10.2	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.07.2025	39.7	26.7	17.5	17.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.07.2025	47.8	29.3	19.8	9.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.07.2025	36.4	17.4	24.6	13.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.07.2025	40.1	23.7	22.7	16.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.07.2025	35.7	28.5	25.9	18.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.07.2025	36.8	30.4	15.3	21.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	32.3	17.4	10.2	9.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	49.1	32.2	25.9	21.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.6	27.1	18.9	20.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	48.9	31.8	24.5	20.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sample
Model/SI NO : AAQ510 / 220831
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : AAQM-60/220518
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



Bharath W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – JULY 2025

Location-3: Painampuram Village

Sample Registration Date: 08.07.2025

Issue Date: 14.07.2025

Lab Ref: SEPL/ES/SEILEILP/07.25/0003

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.07.2025	49.1	31.2	12.1	14.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.07.2025	50.7	22.5	20.6	23.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
07.07.2025	43.2	34.1	19.7	27.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.07.2025	51.6	25.7	11.5	21	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.07.2025	41.7	26.9	23.5	22.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.07.2025	54.8	32.7	22.7	15.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.07.2025	41.9	36.8	17.8	20.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.07.2025	45.7	30.2	24.6	25.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.07.2025	42.2	31.4	25.8	22.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.07.2025	44.3	33.6	28.6	23.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	41.7	22.5	11.5	14.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	54.8	36.8	28.6	27.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	46.5	30.5	20.7	21.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	54.4	36.4	24.4	27.0	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220732
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/503-DTG-2008
Make : Envirotech
Calibration Due : 28.02.2026

K.S.Laj
Verified by



Bharath W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SPECTRA ENVIROTECH PVT LTD

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical
Group: Atmospheric Pollution
Product: Ambient Air Quality Monitoring – JULY 2025
Location-4: Nelaturu Village

Sample Registration Date: 08.07.2025
Issue Date: 14.07.2025
Lab Ref: SEPL/ES/SEILEILP/07.25/0004
Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.07.2025	37.2	38.4	22.7	18.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.07.2025	48.3	25.5	15.3	17.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
07.07.2025	32.7	28.1	16.1	22.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.07.2025	40.1	34.2	14.2	16.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
14.07.2025	44.4	30.1	24.4	14.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.07.2025	41.3	37.8	22.6	23.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
21.07.2025	45.6	33.6	21.7	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.07.2025	39.1	23.7	18.6	15.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
28.07.2025	36.7	27.9	20.2	17.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.07.2025	35.8	29.8	23.6	21.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	32.7	23.7	14.2	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	48.3	38.4	24.4	23.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.1	30.9	19.9	18.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	47.9	38.3	24.2	23.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAM-510 /1593 DTF2015
Make : Enviro tech
Calibration Due : 28.02.2025

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APQ-600 NL/220517
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2025

K.S.Laj
Verified by



Bharath W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SPECTRA ENVIROTECH PVT LTD

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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

SUMMARY OF AMBIENT AIR QUALITY- JULY 2025

Pollutants	Description	Unit	Fire Station (Plant)-1	Pattapupalem Village-2	Painampuram Village-3	Nelaturu Village-4
PM ₁₀	Minimum	μg/m ³	37.8	36.4	41.7	32.7
	Maximum		35.9	40.1	54.8	40.1
	Average		31.6	35.7	41.9	44.4
	98 Percentile		46.3	36.8	45.7	41.3
PM _{2.5}	Minimum		31.2	17.4	26.9	28.1
	Maximum		34.4	23.7	32.7	34.2
	Average		16.8	28.5	36.8	30.1
	98 Percentile		38.9	30.4	30.2	37.8
SO ₂	Minimum		19.7	24.6	23.5	16.1
	Maximum		13.9	22.7	22.7	14.2
	Average		13.9	25.9	17.8	24.4
	98 Percentile		21.8	15.3	24.6	22.6
NO _x	Minimum		19.7	13.7	22.1	22.6
	Maximum		11.5	16.9	15.9	16.8
	Average		11.3	18.4	20.7	14.2
	98 Percentile		19.7	21.2	25.4	23.3

K.S.Laj
Verified by



Bareesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SPECTRA ENVIROTECH PVT LTD

Accredited by MoEF & Accredited by NABL (TC-13099)

Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram/ Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – AUGUST 2025

Location-1: Fire Station (Plant)

Sample Registration Date: 27.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0001

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
04.08.2025	37.5	17.3	15.2	9.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
05.08.2025	42.1	31.6	21.5	17.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
11.08.2025	44.6	17.8	18.3	16.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.08.2025	43.2	16	20.1	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
18.08.2025	36.7	38.1	18.6	17.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.08.2025	38.4	29.4	16.7	18.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
25.08.2025	31.1	20.1	17.9	11.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.08.2025	41.8	27.5	14.4	16.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	31.1	16.0	14.4	9.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	44.6	38.1	21.5	18.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	39.4	24.7	17.8	15.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	44.4	37.2	21.3	18.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220830
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/381-DTG-2007
Make : Envirotech
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

Form No : F-7.8-02

Issue No & Date 01& 20.06.2019

Amend. No & Dt.: 00 & 00

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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TEST REPORT

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M/s. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – AUGUST 2025

Location-2: Pattapupalem village

Sample Registration Date: 27.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0002

Sample collected person details: S. Ganesh

TESTRESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
04.08.2025	44.1	32.4	16.3	8.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
05.08.2025	47.6	27.3	21.2	18.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
11.08.2025	32.5	26.8	13.7	14.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.08.2025	41.7	25.2	12.1	16.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
18.08.2025	39.4	23.3	17.4	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.08.2025	45.2	28.7	19.6	8.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
25.08.2025	36.8	17.6	23.5	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.08.2025	40.2	26.3	24.4	16.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	32.5	17.6	12.1	8.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	47.6	32.4	24.4	19.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.9	26.0	18.5	19.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	47.3	31.9	24.3	19.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220831
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : AAQM-60/220518
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/S. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – AUGUST 2025

Location-3: Painampuram Village

Sample Registration Date: 27.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0003

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
04.08.2025	47.3	31.2	10.5	17	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
05.08.2025	50.2	22.6	20.1	21.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
11.08.2025	41.5	35.7	19.4	23.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.08.2025	51.6	25.8	11.6	17.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
18.08.2025	41.8	26.4	23.3	14.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.08.2025	52.7	33.6	22.7	15.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
25.08.2025	41	34.1	17.5	20.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.08.2025	43.3	29.8	24.8	21.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	41.0	22.6	10.5	14.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	52.7	35.7	24.8	23.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	46.2	29.9	18.7	19.0	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	52.5	35.5	24.6	23.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ 510 / 220732
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/503-DTG-2008
Make : Envirotech
Calibration Due: 28.02.2026

K.S.Laj
Verified by



B. Ganesh
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – AUGUST 2025

Location-4: Nelaturu Village

Sample Registration Date: 27.08.2025

Issue Date: 02.09.2025

Lab Ref: SEPL/ES/SEILEILP/08-25/0004

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
04.08.2025	35.2	35.7	23.4	18.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
05.08.2025	48.6	26.4	15.8	17.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
11.08.2025	33.3	25.1	16.9	20.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
12.08.2025	38.1	31.8	14.2	14.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
18.08.2025	42.7	27.6	24.1	12.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
19.08.2025	39.5	34.7	22.2	12.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
25.08.2025	43.8	30.4	21.3	11.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
26.08.2025	40.1	21.9	18.7	15.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	33.3	21.9	14.2	11.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	48.6	35.7	24.1	20.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.2	29.2	19.6	15.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	47.9	35.6	24.0	20.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAM-510 /1593 DTF2015
Make : Enviro tech
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APQ-600 NL/220517
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SUMMARY OF AMBIENT AIR QUALITY- AUGUST 2025

Pollutants	Description	Unit	Fire Station (Plant)-1	Pattapupalem Village-2	Painampuram Village-3	Nelaturu Village-4
PM ₁₀	Minimum	µg/m ³	31.1	32.5	41.0	33.3
	Maximum		44.6	47.6	52.7	48.6
	Average		39.4	40.9	46.2	40.2
	98 Percentile		44.4	47.3	52.5	47.9
PM _{2.5}	Minimum		16	17.6	22.6	21.9
	Maximum		38.1	32.4	35.7	35.7
	Average		24.7	26.0	29.9	29.2
	98 Percentile		37.2	31.9	35.5	35.6
SO ₂	Minimum		14.4	12.1	10.5	14.2
	Maximum		21.5	24.4	24.8	24.1
	Average		17.8	18.5	18.7	19.6
	98 Percentile		21.3	24.3	24.6	24.0
NO _x	Minimum		9.7	8.1	14.5	11.3
	Maximum		18.9	19.7	23.9	20.5
	Average		15.2	19.5	19.0	15.3
	98 Percentile		18.7	19.5	23.5	20.2

K.S.Laj
Verified by



Bareesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram/ Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical
Group: Atmospheric Pollution
Product: Ambient Air Quality Monitoring – SEPTEMBER 2025
Location-1: Fire Station (Plant)

Sample Registration Date: 01.10.2025
Issue Date: 07.10.2025
Lab Ref: SEPL/ES/SEILEILP/09-25/0001
Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.09.2025	38.7	20.3	16.4	10.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.09.2025	43.5	34.8	22.8	16.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.09.2025	45.9	18.4	19.1	15.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.09.2025	44.6	17.7	21.5	14.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.09.2025	37.1	39.5	19.7	17.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.09.2025	39.2	30.3	15.4	16.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.09.2025	32.3	21.7	14.6	13.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.09.2025	41.1	26.2	17.7	15.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.09.2025	36.8	30.9	20.1	20.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
30.09.2025	34.9	35.7	13.1	12.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	32.3	17.7	13.1	10.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	45.9	39.5	22.8	20.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	39.4	27.6	18.0	15.0	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	45.7	38.8	22.6	17.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220830
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/381-DTG-2007
Make : Envirotech
Calibration Due: 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Amend. No 00800
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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(2x660 MW Coal Based Thermal Power Plant),

Near Pynampuram / Nelaturu (V), Muthukur (M),

SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – SEPTEMBER 2025

Location-2: Pattapupalem Village

Sample Registration Date: 01.10.2025

Issue Date: 07.10.2025

Lab Ref: SEPL/ES/SEILEILP/09-25/0002

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	µg/m ³				mg/m ³	µg/m ³				ng/m ³		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.09.2025	45.1	33.1	17.5	11.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.09.2025	48.2	28.7	24.8	21.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.09.2025	33.5	30.5	14.4	13.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.09.2025	40.7	26.7	11.6	17.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.09.2025	38.6	27.4	18.9	18.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.09.2025	45.4	31.4	20.7	9.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.09.2025	37.8	18.5	25.1	14.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.09.2025	42.2	24.1	23.8	17.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.09.2025	36.1	29.7	26	19.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
30.09.2025	35.5	31.7	16.6	22.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	33.5	18.5	11.6	9.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	48.2	33.1	26.0	22.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.3	28.2	19.9	21.0	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	47.8	32.9	25.1	21.0	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ510 / 220831
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : AAQM-60/220518
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD



SPECTRA ENVIROTECH PVT LTD

Accredited by MoEF & Accredited by NABL (TC-13099)

Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/S. SEIL ENERGY INDIA LIMITED PROJECT-1

(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical

Group: Atmospheric Pollution

Product: Ambient Air Quality Monitoring – SEPTEMBER 2025

Location-3: Painampuram Village

Sample Registration Date: 01.10.2025

Issue Date: 07.10.2025

Lab Ref: SEPL/ES/SEILEILP/09-25/0003

Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.09.2025	50.1	32	11.4	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.09.2025	49.8	23.4	19.5	24.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.09.2025	44.5	35.7	20.4	28.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.09.2025	52.3	26.5	12.8	22.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.09.2025	42.9	25.7	24.6	23.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.09.2025	53.1	31.4	21.1	16.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.09.2025	42.7	35.1	18.9	21.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.09.2025	44.2	31.4	25.3	26.8	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.09.2025	43.8	29.8	26.7	29.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
30.09.2025	45.3	32.2	29.8	24.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	42.7	23.4	11.4	13.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	53.1	35.7	29.8	29.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	46.9	30.3	21.1	23.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	53.0	35.6	25.2	28.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAQ 510 / 220732
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APM-460 NL/503-DTG-2008
Make : Envirotech
Calibration Due: 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD



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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO:

M/s. SEIL ENERGY INDIA LIMITED PROJECT-1
(2x660 MW Coal Based Thermal Power Plant),
Near Pynampuram / Nelaturu (V), Muthukur (M),
SPSR Nellore (Dist.) -524344.

Discipline: Chemical
Group: Atmospheric Pollution
Product: Ambient Air Quality Monitoring – SEPTEMBER 2025
Location-4: Nelaturu Village

Sample Registration Date: 01.10.2025
Issue Date: 07.10.2025
Lab Ref: SEPL/ES/SEILEILP/09-25/0004
Sample collected person details: S. Ganesh

TEST RESULT

Date Of Sampling	$\mu\text{g}/\text{m}^3$				mg/m^3	$\mu\text{g}/\text{m}^3$				ng/m^3		
	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	CO	Pb	O ₃	NH ₃	C ₆ H ₆	BaP	As	Ni
01.09.2025	36.1	39.5	23.5	19.4	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
02.09.2025	47.4	24.1	14.6	18.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
08.09.2025	33.2	27.6	17.1	23.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
09.09.2025	39.8	35.2	13.7	17.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
15.09.2025	43.5	31.6	23.6	15.3	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
16.09.2025	42.7	38.9	24.9	24.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
22.09.2025	46.8	34.5	22.6	14.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
23.09.2025	40.2	24.7	19.4	16.2	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
29.09.2025	37.9	26.6	21.1	18.9	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
30.09.2025	34.4	30.1	25.1	22.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Min	33.2	24.1	13.7	14.7	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Max	47.4	39.5	25.1	24.6	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
Avg.	40.2	31.3	20.6	19.1	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
98 Percentile	47.3	39.4	24.7	24.5	<1.5	<0.04	<5	<5	<2	<0.5	<1	<10
NAAQ Standards	100	60	80	80	2.0	1.0	100	400	5.0	1.0	6.0	20

Instruments Details:

Instrument : Fine Particulate sampler
Model/SI NO : AAM-510 /1593 DTF2015
Make : Enviro tech
Calibration Due : 28.02.2026

Instruments Details:

Instrument : Respirable Dust sampler
Model/SI NO : APQ-600 NL/220517
Make : SSE (Shree Scientific Equipment)
Calibration Due : 28.02.2026

K.S.Laj
Verified by



B. Ganesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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SUMMARY OF AMBIENT AIR QUALITY- SEPTEMBER 2025

Pollutants	Description	Unit	Fire Station (Plant)-1	Pattapupalem Village-2	Painampuram Village-3	Nelaturu Village-4
PM ₁₀	Minimum	µg/m ³	36.8	37.8	42.9	33.2
	Maximum		34.9	42.2	53.1	39.8
	Average		32.3	36.1	42.7	43.5
	98 Percentile		45.9	35.5	44.2	42.7
PM _{2.5}	Minimum		30.9	18.5	25.7	27.6
	Maximum		35.7	24.1	31.4	35.2
	Average		17.7	29.7	35.1	31.6
	98 Percentile		39.5	31.7	31.4	38.9
SO ₂	Minimum		20.1	25.1	24.6	17.1
	Maximum		13.1	23.8	21.1	13.7
	Average		13.1	26.0	18.9	23.6
	98 Percentile		22.8	16.6	25.3	24.9
NO _x	Minimum		20.4	14.7	23.8	23.9
	Maximum		12.6	17.2	16.4	17.2
	Average		10.1	19.9	21.7	15.3
	98 Percentile		20.4	22.5	26.8	24.6

K.S.Laj
Verified by



Bareesh W.
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Managing Director

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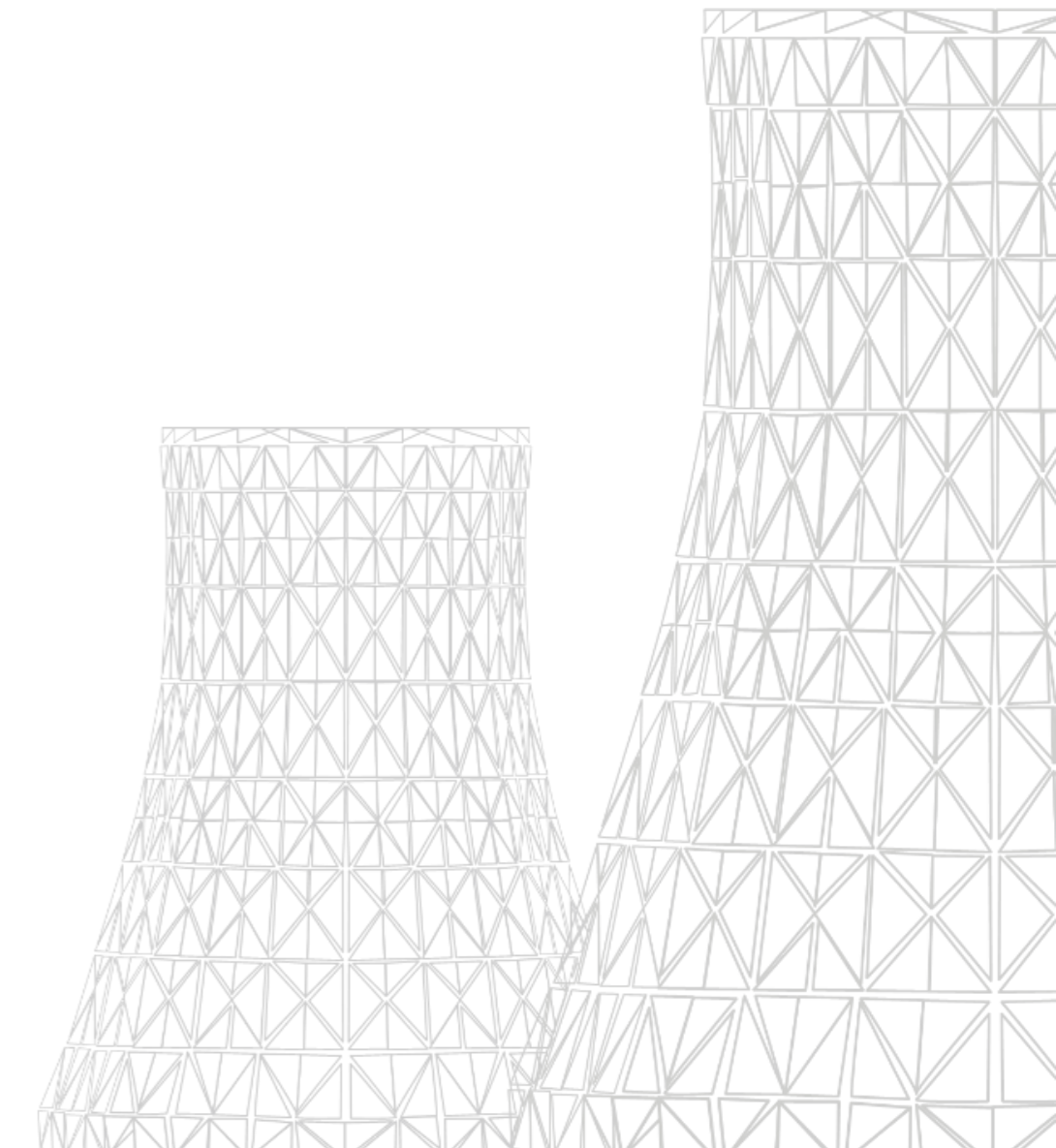
Cell: 80199 55222, 111 | BRANCHES: VIJAYAWADA | HYDERABAD





Business Updates

HY-1 FY2025-26





HEALTH

➤ **Telemedicine Centers MV Palem:** Total beneficiaries:- 2306

- General consultations - 2002
- Specialty Consultations - 304
- Pharmacy -2163; Lab Investigations - 1232

Community Outreach coverage

- Social Health Education Programme – 609 beneficiaries
- Non-Communicable Disease Screenings – 709 beneficiaries.

➤ **Telemedicine Centers Salipeta:** Total beneficiaries:- 2262

- General consultations - 1952
- Specialty Consultations - 310
- Pharmacy – 2220 ; Lab Investigations - 1372

Community Outreach coverage

- Social Health Education Programme – 928 beneficiaries
- Non-Communicable Disease Screenings – 836 beneficiaries

➤ **Mobile Medical Unit:** Total beneficiaries:- 4879

- Male-2124, Female-2599, Female Child –81, Male Child - 75 were Covered



Social Health Education Awareness



Non-communicable disease Screening



HEALTH

- **Eye Screening :**
 - Total Screened:- 7802
 - Spectacles Provided- 1611
- **Cancer Screening:**
 - Total Screened - 10097
 - No of camps - 149
 - No of persons with positive symptoms – 350(Oral-195,Cervical -69, Breast -86 Numbers)
 - Referrals to the Government Hospital- (Oral- 37,Cervical-39,Breast-24 Numbers)
- **Mobile Medical Unit: Total beneficiaries:- 4879**
 - Male-2124, Female-2599, Female Child –81, Male Child -75 were Covered
- **Container RO Water Plant**

2000 LPH capacity installed at Mandabailu and inaugurated by SEIL Board on 16th June 2025.



EYE SCREENING PHOTOS





HEALTH

- **Medical equipment's installed at Venkatachalam Community Health Center (CHC)**
 - Two numbers of Stretcher trolleys
 - One number of Max Neo Ventilator
 - Two numbers of Instrument trolleys

- **Medical equipment's installed at Podalakuru Community Health Center (CHC)**
 - One number of cervical and lumber traction machine
 - Two numbers of Instrument trolleys
 - Two numbers of Stretcher trolleys
 - One number of Dental unit
 - Three numbers of Patient Bed two functions

MEDICAL EQUIPMENT TO CHC, VENKATACHALAM



INSTRUMENT TROLLEYS



MAX NEO VENTILATOR



STRETCHER TROLLEYS



PATIENT COT

MEDICAL EQUIPMENT TO CHC, PODALAKURU



INSTRUMENT AND STRETCHER TROLLEYS



DENTAL UNIT



CERVICAL AND LUMBER TRACTION MACHINE



PATIENT COTS

➤ Solar Street Lights

- 125 Numbers of 60 watts Lights installed at District Sports Center
- 364 Community Solar Streetlights of 30 watts capacity installed in Eduru and Venkannapuram
- 104 Numbers of 60 watts Lights installed from Ash Silo of SEIL to Genco Circle

➤ Off Grid Solar On Anganwadis

- Solar 1KWP Off grid Installations with battery backup installed in 12 Anganwadi Centers



DECARBONISATION
&
OTHERS

Off-grid solar on Mangaldaruvu Anganwadi center



CSR UPDATES – SOLAR LIGHTS



SOLAR STREET LIGHTS AT DISTRICT SPORTS STADIUM



SOLAR STREET LIGHTS FROM PYNAPURAM TO GENCO JUNCTION



SOLAR STREET LIGHTS AT EDURU VILLAGE PANCHAYAT



© SEIL 2025



VETERINARY CAMPS – ASSET&W

- Six Veterinary camps were conducted in the villages of Musunuri Varipalem, Mallikarjun Puram, Kothapalem, Mandapam and Nelaturu.
- A total of 314 Farmers benefitted from the camps. Suitable medicines, and mineral mixtures were provided by the Veterinary Doctors after the examination.
- Treatment provided to 17048 livestock (Cattle, Buffaloes, Sheep, Goats and Poultry)



Rural Development



Veterinary Doctor guiding the farmers



Distribution of medicines at Animal health camp

BOARD VISIT - MOBILE MEDICAL UNIT



BOARD VISIT - INNAGURATION OF RO PLANT



BOARD VISIT - VETERINARY CAMPS GLIMPSES



BOARD VISIT - EYE SCREENING GLIMPSES



FY 2025-26 Health Project - Photos

Container RO water plant Glimpses



Glimpses Of CEO's visit to CSR initiatives



ANGANWADI CENTER



ANGANWADI CENTER



INDUSTRIAL PAINTING TRAINING CENTER



COMPOSITE REGIONAL CENTER



HEALTH AND WELLNESS CENTRE



INDUSTRIAL PAINTING TRAINING CENTER



Health

➤ **Telemedicine Centers MV Palem & Salipeta:**

- Total beneficiaries: 5943
 - General consultations: 5160
 - Specialty Consultations: 783
 - Pharmacy: 5725; Lab Investigations: 3081

Community Outreach coverage:

- Social Health Education Programme: 1208 beneficiaries
- Non-Communicable Disease Screenings: 3001 beneficiaries.

Special Medical Camps Beneficiaries: 361

- **Mobile Medical Unit:** 4825 beneficiaries
Male: 1952, Female: 2620, Female Child: 122, Male Child: 131
- **Eye Screening :**
 - Total Screened: 5307
 - Spectacles Provided: 1770
 - No of Camps:70

➤ **Cancer Screening:**

- Total Screened: 8150
- No of camps: 119
- No of persons with positive symptoms: 253 (Oral: 157Cervical: 35, Breast: 61 Numbers)
- Facilitated visit to the Government Hospital for further diagnosis and treatment : 92 (Oral-47,Cervical-21, Breast-24 Numbers)

➤ **RO Water Plant**

Container RO Plant of 2000 LPH capacity installed and operational at five locations of Mallikarjun Puram, Mandabailu, Eduru Harijan wada, Mukkantamma Girijana colony, Mahalakshipuram around SEIL plants.

FY 2025-26 Health Project - Photos

Health and Wellness Centre Glimpses



SOCIAL HEALTH EDUCATION CAMPS



SPECIAL CAMPS (BULKER DRIVERS)



NON-COMMUNICABLE DECEASEES SCREENING



ORTHOPEDIC HEALTH CAMPS



NON-COMMUNICABLE DECEASEES SCREENING

FY 2025-26 Health Project - Photos

Mobile Medical Unit Project Glimpse



MOBILE MEDICAL VAN - CONSULTATION



MOBILE MEDICAL VAN - CONSULTATION



MOBILE MEDICAL VAN - CONSULTATION



MOBILE MEDICAL VAN - CONSULTATION



MOBILE MEDICAL VAN – HOME CONSULTATION



MOBILE MEDICAL VAN - CONSULTATION

FY 2025-26 Health Project Photos

Health – Eye screening and spectacles distribution Glimpses





➤ **Career Counselling Programme with Sambhav Foundation**

- Career counselling sessions was inaugurated at ZP High School, MV Palem.
- As part of employee engagement, SEIL Finance team attended the event.
- 1082 Number of students of 12 Government schools are undergoing the career counseling sessions.



Education




Skill Development

- **Training Program on Basic floristry**
 - Training on Basic floristry was organized for community women and men in collaboration with Institute of Floral Design (IFD) for 30 members.
 - 20 women and 10 men successfully completed the training.
- **Training on Industrial Painting and Coating- CII foundation**
 - 1st batch of 46 numbers youth completed training on Industrial Painting and Coating
 - CEO SEIL distributed certificates to the trained students





Environment

➤ Solar Street Lights installations

- 194 Numbers of 30 Watts at Venkannapuram village
- 200 Numbers of 30 Watts at Eduru village
- 210 Numbers of 30 Watts at Mallikarjun Puram village
- 500 Numbers of 30 Watts lights at Nagar Vanams in Venkatachalam, Nellore, Kavali, Chevuru, and Mungamuru.
- 127 Numbers of 60 Watts from Pynapuram to AP Genco junction.

➤ Off Grid Solar On Anganwadi

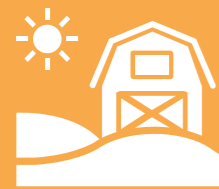
- Solar 1 KWP off grid units with battery backup were installed in 18 Anganwadi Centers.



Solar Street Lights In Villages



Off-grid solar on Anganwadi center



Rural Development

VETERINARY CAMPS

- Six Veterinary Camps were conducted in the surrounding villages.
- Treatments were provided to 11,949 livestock (Cattle, Buffaloes, Sheep, Goats and Poultry).
- A total of 276 Farmers benefitted from the camps. Suitable medicines, and mineral mixtures were provided by the Veterinary Doctors after the examination.



Veterinary Assistant Providing treatment to the Animal



Distribution of medicines at Animal health camp

CSR Updates

For Q2 FY 25-26

AWARDS & RECOGNITIONS

SEIL Energy India Ltd.'s CSR contribution of Solar and Medical equipment was recognised by the Indian Redcross Society, Andhra Pradesh chapter on 9th July 2025, Hon'ble Governor of Andhra Pradesh and President of Indian Redcross Society Andhra Pradesh chapter 'Shri S. Abdul Nazeer', awarded the Red Cross medal to Shri Albert David Peter, Head CSR, SEIL in a function organised at Thumallapalli Kalakshetra Hall, Vijayawada.



Thank You



SEIL Project-1 Environment Expenditure			
S.No	Area	Particulars	Expenses in Rs.
1	CHP	Operations (CHP)	9,052,340
2		Mechanical Maintnenace	34,570,500
3		Electrical Maintnenace	11,340,000
4		C&I Maintenance	460,000
5		Coal Yard Sprinklers	350,000
6		DFDS System	450,000
7	AHP	Operations	3,042,058
8		Mechanical Maintnenace	1,475,000
9		Electrical Maintnenace	4,023,000
10		C&I Maintenance	4,000,000
11		Ash Pond (Civil)	15,000,000
12	Others	Green Belt	7,973,858.00
13		Fly Ash	1,246,080
14		Haz Waste disposal	206,314



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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

ANNEXURE-XIII

TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Heavy Metal Analysis of Coal - MAY 2025 Sample Location: Coal Feeder#1 Date of Monitoring: 20.05.2025 Sample Collected By: Ganesh	Sample Registration Date: 21.05.2025 Analysis Starting Date: 21.05.2025 Analysis Completed Date: 27.05.2025 Issue Date: 27.05.2025 Lab Ref: SEPL/ES/SEILEILP/05-25/0001

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1	Arsenic as As	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.72
2	Mercury as Hg	USEPA-3050B Dec-1996(Rev.2)	ppm	0.2	<0.03
3	Chromium as Cr	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	1.41
4	Lead as Pb	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.51

Note: USEPA- United States Environmental Protection Agency

K.S.Laj
Verified by



Praveesh W.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

Web : www.spectraenviro.com | **E-mail:** sepl.sjn@gmail.com | info@spectraenviro.com

Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





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Environmental, Micro Biology, Analytical Testings & RO, ETP, STP's Engineering

TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-1 (2x660 MW Coal Based Thermal Power Plant), Near Pynampuram / Nelaturu (V), Muthukur(M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Heavy Metal Analysis of Coal - AUGUST 2025 Sample Location: Coal Feeder#1 Date of Monitoring: 26.08.2025 Sample Collected By: Ganesh	Sample Registration Date: 28.08.2025 Analysis Starting Date: 28.08.2025 Analysis Completed Date: 02.09.2025 Issue Date: 02.09.2025 Lab Ref: SEPL/ES/SEILEILP/08-25/0001

TEST RESULT

S.NO	TEST PARAMETERS	TEST METHOD	UNITS	STANDARDS	RESULTS
1	Arsenic as As	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.68
2	Mercury as Hg	USEPA-3050B Dec-1996(Rev.2)	ppm	0.2	<0.03
3	Chromium as Cr	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	1.50
4	Lead as Pb	USEPA-3050B Dec-1996(Rev.2)	ppm	5.0	0.64

Note: USEPA- United States Environmental Protection Agency

K.S.Laj
Verified by



Pavesh K.
Authorized by
Managing Director

LABORATORY : Plot No 142/1, Eruvada Junction, Sabbavaram (M), Vizag - 531 035

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Cell: 80199 55222, 111 | **BRANCHES:** VIJAYAWADA | HYDERABAD





Certificate Tracking ID / CTID :2605369
Date of Issue / DOI :27-Sep-2025
Certificate Serial No. / CSN :ULR-TC1170325000001025F



TC-11703



Radioanalytical Laboratory RADIOACTIVITY TEST CERTIFICATE

Ref: BRIT/RAL/DOM/625-631/MISC/472-483/25-26

To :
M/S.SPECTRAENVITECH PRIVATE LIMITED
PLOT NO. 142/1, ERUVADA JUNCTION,
ERUVADA VILLAGE, SABBAVARAM MANDAL,
VISAKHAPATNAM – 531035
ANDHRA PRADESH, INDIA.

This is regarding the sample of "COAL, FLY ASH & BOTTOM ASH" sent for radioactivity analysis vide your letter ref.: SEPL P1/BRIT/NAVI MUMBAI/2025/001 dated 26.06.2025 which as per above letter is drawn from consignment with the following markings, as shown in italics:

NAME & ADDRESS OF THE CUSTOMER : *M/S. SPECTRA ENVIROTECH PRIVATE LIMITED
PLOT NO. 142/1, ERUVADA JUNCTION,
ERUVADA VILLAGE, SABBAVARAM MANDAL,,
VISAKHAPATNAM - 531035
ANDHRA PRADESH, INDIA.*

SAMPLE NAME : *1. SAMPLE ID NO.1 : COAL - SEIL PROJECT-1
2. SAMPLE ID NO.2 : FLY ASH - SEIL PROJECT-1
3. SAMPLE ID NO.3 : BOTTOM ASH - SEIL PROJECT-1*

PLACE OF SAMPLES COLLECTION : *SEIL ENERGY INDIA LIMITED PROJECT-1*

DATE OF SAMPLES COLLECTION : *02.07.2025*

DATE OF RECEIPT OF SAMPLE: 14.07.2025

DATE OF COMPLETION OF TEST: 15.09.2025

The Samples were analyzed by HPGe Gamma spectrometry and the values obtained for U-238 , Ra-226, Th-232 and K-40 against each sample is shown in the table below :

Sr. No	SAMPLE NAME	U-238 (Bq/Kg)	Th-232 (Bq/Kg)	Ra-226 (Bq/Kg)	K-40 (Bq/Kg)
1	COAL	29.1±1.5	14.1±1.0	17.7±2.0	256.4±6.1
2	FLY ASH	70.4±1.9	93.4±1.2	31.3±1.5	382.2±8.0
3	BOTTOM ASH	76.8±2.0	67.5±1.6	45.0±1.3	435.1±9.4

Opinion: The measurement values are below the clearance level for radionuclides of natural origin in bulk solid materials, as per AERB directive 01/2010 (table-3) dated 26/11/2010.

Note: (i) The report pertains to the given sample only. (ii) The sample will be retained in this laboratory for a period of 1 month from certificate date and thereafter it will be disposed off. (iii) This report shall not be reproduced except in full, without written approval of the laboratory. (iv) The sampling is not done by this laboratory.

Checked by:
GANPAT B NAKTI
Assistant

Authorized Signatory:
AJAY NANA THAMKE
OIC, RAL

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

1/1

The authenticity of this certificate is verifiable. Please scan the QR code using a QR scanning application on any mobile devices. Upon redirection you must enter the necessary information in landing page <https://eportal.britatom.gov.in>. We will then revert you back with a digital copy of the certificate in your verified e-mail ID. In accordance to IT Act 2000 (21 of 2000), this document is generated electronically through a validated s/w and need no physical / digital signature(s).





SEIL ENERGY INDIA LIMITED

QUALITY, OCCUPATIONAL HEALTH, SAFETY AND ENVIRONMENT POLICY

QUALITY POLICY

SEIL Energy India Limited (SEIL) is committed to achieve and sustain world-class standard of quality in power generation and uninterrupted supply of power to customers by adopting, innovating, and continually improving the best industrial practices in Operation, Maintenance and Procurement at its power stations, while complying with all applicable standards and best practices.

OCCUPATIONAL HEALTH, SAFETY AND ENVIRONMENT POLICY

SEIL considers HSE as its core value and is committed to:

- provide safe and healthy work environment and empower employees and stakeholders involved in its operations.
- recognise HSE Objectives as an integral part of our operations; consider HSE objectives in every decision we make and in every activity we perform.
- ensure compliance to legal, regulatory, statutory norms, and standards pertaining to environment, occupational health, and safety.
- periodically assess and review the opportunities & risks and monitor HSE activities by providing adequate resources and mitigation measures.
- raise the HSE awareness and competency levels of employees and other stakeholders to deliver excellent HSE outcomes by providing necessary information, instructions, and supervision.
- the idea that all occupational illness, accidents, and environmental incidents are preventable.
- value Health, Safety, and Environment and at par with quality, operations, and cost by all stakeholders entering the premises.
- optimization of use of natural resources, protecting the environment and minimizing emissions, effluents, and waste, thereby promoting sustainability.
- continually improve occupational Health, Wellbeing, Safety, and Environment Management Systems through systematic and periodic training so as to help them work safely
- foster a culture of active collaboration to achieve interdependent safety culture and wellbeing of stakeholders.
- to provide HSE performance summary in the annual report.
- include compliance with safety systems and procedures as a condition of employment and include H&S performance for evaluation of employees and contractors.

This policy shall be widely communicated, reviewed periodically, and amended when necessary.

A handwritten signature in blue ink, appearing to read 'Janmejaya Mahapatra', is positioned above the printed name.

Janmejaya Mahapatra
Chief Executive Officer
July 9th, 2025

प XV
(थम अनुसूची का अनु 6 दे.खए)
FORM XV
(see Article 6 of the First Schedule)

अधिापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुाि
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुाि सं. (Licence No.) : P/HQ/AP/15/4044(P326181)

फीस रूपए (Fee Rs.) 79650/- per year

M/s. SEIL ENERGY INDIA LIMITED, Pynampuram/Nelaturu Mandal SPSR, Muthukur, Nellore, Taluka: Muthukur, District: NELLORE, State: Andhra Pradesh, PIN: 524344 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मााओं में पेट्रोलियम 5277.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संा I P/HQ/AP/15/4044(P326181) तारीख 27/10/2023 जो कि इससे उपाबा है, में दिखाए गए स्थान पर भााकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुाि की अतिरिा शतकाके अधीन रहते हुए, यह अनुाि अनुद की जाती है।

Licence is hereby granted to M/s. SEIL ENERGY INDIA LIMITED, Pynampuram/Nelaturu Mandal SPSR, Muthukur, Nellore, Taluka: Muthukur, District: NELLORE, State: Andhra Pradesh, PIN: 524344 valid only for the importation and storage of 5277.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/HQ/AP/15/4044(P326181) dated 27/10/2023 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुाि 31st day of December 2033 तक ँवृत रहेगी।

The Licence shall remain in force till the 31st day of December 2033

पेट्रोलियम का विवरण /Description of Petroleum	अनुाि माा I (किलोलीटरमें) /Quantity licenced in KL
वर्ग क ँपुंज पेट्रोलियम /Petroleum Class A in bulk	NIL
वर्ग क ँपुंज पेट्रोलियम से भिा /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख ँपुंज पेट्रोलियम /Petroleum Class B in bulk	543.00 KL
वर्ग ख ँपुंज पेट्रोलियम से भिा /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग ँपुंज पेट्रोलियम /Petroleum Class C in bulk	4734.00 KL
वर्ग ग ँपुंज पेट्रोलियम से भिा /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	5277.00 KL

September 19, 2014

Chief Controller of Explosives

अनुाि परिसरों का विवरण और अवाान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुाि परिसर जिसकी विास सीमाएं अा विशिायां संला अनुमोदित नक्शी में दिखाई गई हैं Survey No: 243, Painapuram Village, Muthukur (Mundal). Sri Potti Sriramulu Nellore-Dist., Nelaturu, Nellore, Taluka: Muthukur, District: Nellore, State: Andhra Pradesh, PIN: 524344 स्थान पर अवस्थित है तथा उसमें निा लिखित 1 Above Ground tank(s) for CLASS B , 2 Above Ground tank(s) for CLASS C , संा लित हैं।

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Survey No: 243, Painapuram Village, Muthukur (Mundal). Sri Potti Sriramulu Nellore-Dist., Nelaturu, Nellore, Taluka: Muthukur, District: Nellore, State: Andhra Pradesh, PIN: 524344 and consists of 1 Above Ground tank(s) for CLASS B , 2 Above Ground tank(s) for CLASS C , together with connected facilities.

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