



SEIL Energy India Limited
(Formerly Sembcorp Energy India Limited)
CIN: U40103HR2008PLC095648
Regd. Office: Building 7A, Level 5,
DLF Cyber City, Gurugram – 122002,
Haryana, India
Tel: (91) 124 6846700/701,
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Website: www.seilenergy.com

SEIL P2/MoEF&CC/BZA/2024/001
21st June 2024

To
The Joint Director (S),
Scientist 'D',
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office (IRO),
Vijayawada- 520010.

**Sub.: Submission of Half Yearly CRZ Compliance Report of SEIL Energy India Limited Project-2
(Formerly Sembcorp Energy India Limited) for the period from October 2023 to March 2024.**

Ref.: CRZ Letter F. No. 11-44/2011 – IA – III dated 09-04-2012, amended dated 01-05-2014.

Dear Sir,

This has reference to the above subject, we hereby submit the Half Yearly compliance status report for the period from October 2023 to March 2024 along with supporting documents to the conditions specified under CRZ Clearance issued to SEIL Energy India Limited Project-2 (Formerly Sembcorp Energy India Limited), Nellore.

Hope you find the above in order.

Thanking you,

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

Pavan Kumar Rao V
Head HSE- SEIL

Copy To:

1. The Director, IA.I, MoEF&CC, New Delhi
2. The Regional Director, Regional Office, MoEF&CC, Chennai
3. The Regional Officer, APPCB, Nellore



Right Choice

UNIVERSAL ENVIRO ASSOCIATES

SINCE 1994

Recognised by NABL and
MoEF & CC, GOI, New Delhi.
Certified by ISO 9001: 2015 and
ISO 45001 : 2018

Date: 21-06-2024

To,
The Joint Director (S),
Scientist 'D',
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office (IRO),
Vijayawada- 520010.

**Sub: Third Party Certificate - Half yearly compliance report on the conditions of CRZ-
Reg.**

Ref: CRZ Letter No: F. No. 11-44/2011— IA.III dated 09-04-2012 & 01-05-2014.

Respected Sir/Madam,

With reference to "Costal Regulatory Zone" clearance issued to **M/s. SEIL Energy India Limited Project-2** (Formerly known as Sembcorp Energy India Limited), Nellore, we hereby certify that **M/s. SEIL Energy India Limited Project-2** has complied with all the conditions imposed in CRZ clearance and attached supporting annexures for the period of October 2023 to March 2024.

Thanking you,

T. Krishna

T. KRISHNA

TECHNICAL MANAGER.

Yours faithfully,
For **Universal Enviro Associates,**



Copy To:

1. The Director, IA.I, MoEF & CC, New Delhi
2. The Regional Director, Regional Office, MoEF&CC, Chennai
3. The Regional Officer, APPCB, Nellore

Plot/Shed No.28, Road No.1, Phase-1, IDA Mallapur, Hyderabad - 500 076.

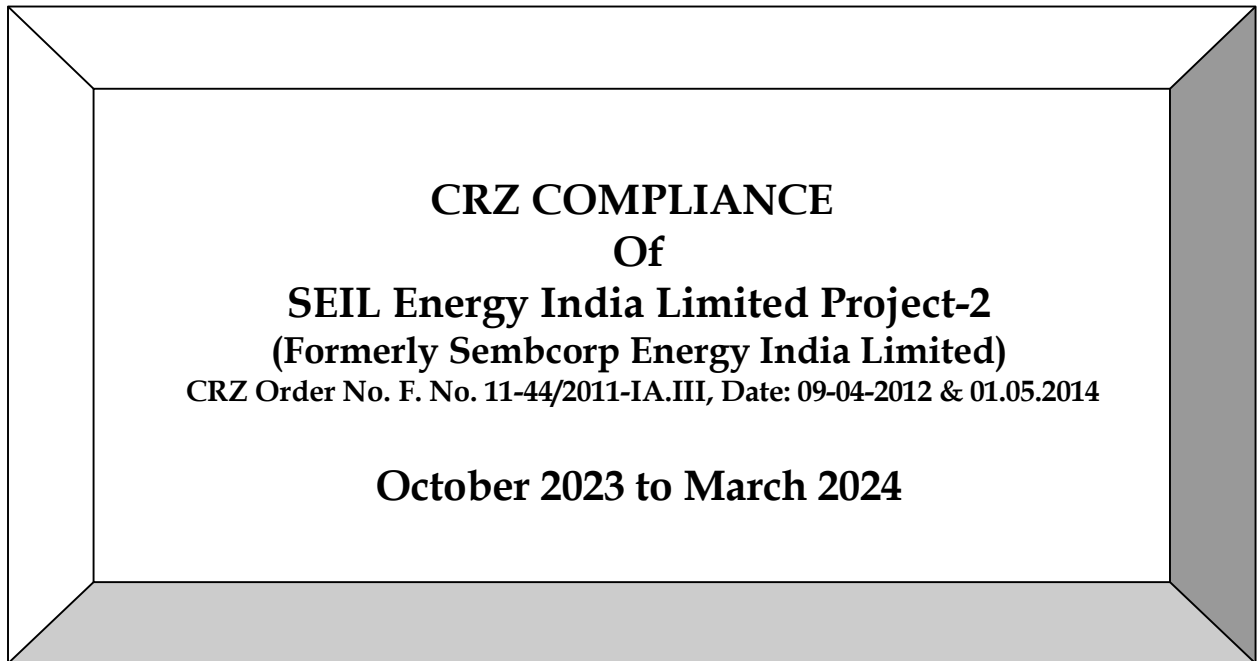
Ph: 040-4890 8772, 98480 16854, e-mail: uea123@gmail.com, www.universalenviro.in

Lab & Works: # 178, Ramakrishna Nagar, Opp. IOCL, Chengicherla, Hyderabad - 500 039.

WTP, STP, ETP & ZLD (Supply, O&M) ! POLLUTION TESTING & ANALYSIS ! ENV. AUDIT ! Other Env. Services

*M/s. SEIL Energy India Limited Project-2,
(Formerly Sembcorp Energy India Limited),
Ananthavaram, & Varakavipudi (V),
TP Gudur (M),
SPSR Nellore (Dist.)*

CRZ Order No. F. No. 11-44/2011-IA.III, Date: 09-04-2012 & 01.05.2014



Prepared By:
Universal Enviro Associates, Hyderabad
Accredited by NABL (TC-6239)

*M/s. SEIL Energy India Limited Project-2,
(Formerly Sembcorp Energy India Limited),
Ananthavaram, & Varakavipudi (V),
TP Gudur (M),
SPSR Nellore (Dist.)*

CRZ Order No. F. No. 11-44/2011-IA.III, Date: 09-04-2012 & 01.05.2014

Background:



SEIL Energy India Limited Project-2 [Formerly Sembcorp Energy India Limited] is a leading independent power plant situated in Nellore Dist. of Andhra Pradesh.

SEIL Project-2 is currently consisting of 2x660 MW is under operation since November 2016.

The existing plant area lies between latitudes 14°20'39.07"N to 14°22'07.48"N and longitudes 80°08'11.06"E to 80°09'58.19"E.

CRZ Clearance for the project is obtained from Ministry of Environment & Forests, Vide F.No.11-44/2011-IA-III dated 09th April 2012 and amended on dated 1st May 2014. The condition wise compliance to the clearance letter is detailed below.

Compliance of CRZ Conditions		
S No.	Condition	Compliance
Specific Conditions		
i.	"Consent For Establishment" shall be obtained from state pollution control board under air and water act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Complied. CFE obtained and communicated. Ref: APPCB- Order. No.182/PCB/CFE/Ro-NLR/HO/2010- dated 23/03/2011. Currently the Plant is in Operation Stage.
ii.	A revised map showing the coordinates of HTL, 200m line, 500m boundary at discrete intervals 25m/50m etc. as appropriate shall be submitted to the Ministry prior to commencement of the work, in place of mere lines shown in the map prepared by authorized agency so as to enable verification of installations and compliance thereof on the ground later when the work	Complied. National Centre for Sustainable Coastal Management (MoEF&CC) has carried out the revised mapping which was submitted to MoEF&CC vide Ref: SGPL/MoEF&CC/Chennai/EC/61 dated. 9 th Oct, 2018.
iii.	Periodic monitoring of water quality in terms of temperature, chlorine content if applicable, salinity etc. at the outfall location shall be carried out. If the impact of temperature and salinity is found significant in future, necessary remediation measures shall be taken by extending the outfall as well as the intake lines and/or providing augmentation in inland cooling facilities	Complied. Marine Outfall Water quality monitoring reports performed by MoEF&CC approved third party laboratory are attached as Annexure-I.
iv.	The proposed village road shall be extended up to sea shore in order to provide access to the public to the sea front.	Complied.
v.	Recreational park / amusement park, approach road etc. for public use shall be developed in consultation with user community.	Various CSR programs are being undertaken in consultation with public need identification.

S No.	Condition	Compliance
vi.	Installation of trash bar / screen shall be put in place at the intake well to avoid fish entrapment.	<p>Complied.</p> 
vii.	The intake and outfall shall be buried pipelines and no open channel / cutting is permissible in CRZ areas.	<p>Complied.</p>
viii.	The outfall pipe shall be extended further by at least by 200 m into the sea and also it shall be ensured that the intake is properly located to avoid any recirculation.	<p>Complied.</p> <p>The outfall pipe is extended more than 1000 m into the sea.</p> 
ix.	The proponent shall commit himself to be one of the partners / proponents (who have undertaken / will be undertaking similar power projects in the close proximity of the site) as and when instructed by the MoEF / State government authorities in preparing a comprehensive EIA Report comprising both terrestrial / marine EIA components for the region and share the cost of the study and proposed mitigation measures for the coastal stretch as decided by the authorities in the interest of protecting the environment in its entirety.	<p>Complied.</p> <p>SEIL Project-2 (Formerly Sembcorp Energy India Limited) has partnered with MoEF/State Government Authorities in preparing an overall EIA report comprising both terrestrial/marine EIA components for the region and shared the cost of the study and proposed mitigation measures for the coastal stretch as decided by the Authorities in the best interest of protecting the environment.</p>

S No.	Condition	Compliance
x.	Best possible dredging technology shall be adopted to minimize coastal impact Zero discharge from ash pond shall be ensured as proposed.	Complied. Ash pond water overflow is recycled and treated in High Rate Suspended Solid Clarifier and ETP. Treated water is being reused in green belt development & dust suppression.
xi.	All the conditions laid by the State level Committee shall be strictly adhered to.	Complied. Compliance report submitted against conditions stipulated by State Coastal Management Authority Committee.
xii.	Construction activity shall be carried out strictly as per the provisions of CRZ notification, 2011. No construction work other than those permitted in Coastal Regulation zone Notification shall be carried out in Coastal Regulation zone area.	Complied. Construction activities completed in compliance with CRZ Notification, 2011. Currently the Plant is in Operation Stage.
xiii.	The project shall be executed in such a manner that there shall not be any disturbance to the fishing activity.	Complied. Project completed without any disturbance to the fishing activity.
xiv.	It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.	Complied. Project completed without any displacement of people, houses & disturbance to the fishing activity.
xv.	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safe guards under the supervision of a Senior Executive.	Complied. Environment Management Cell exists in the plant with suitable qualified personnel under the supervision of Head- HSE.

S No.	Condition	Compliance
xvi.	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	<p>Complying.</p> <p>Budget allocated for Environment Management was Rs. 573.32 Crores as per EIA (Page No.146). The amount has already been spent during 2010-2016. Currently the plant is in operation stage. However, continuous recurring cost for Environment management (DE, DS, DFDS, EQMS, CAAQMS, CEMS, Environment Monitoring, etc.) during operation is allocated in annual budget.</p>
General Conditions		
i.	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied.
ii.	Full support shall be extended to the officers of this Ministry / Regional Office at Bengaluru by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Noted for compliance.
iii.	A six-monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bengaluru regarding the implementation of the stipulated conditions.	<p>Complied.</p> <p>Latest Six-monthly CRZ Compliance report submitted to IRO, MoEF&CC, APPCB vide letter ref. no. SEIL P2/MoEF&CC/BZA/2023/002 Dtd. 26th December 2023.</p>

S No.	Condition	Compliance
iv.	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of Environment and the same shall be complied with.	Noted.
v.	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Noted.
vi.	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment & Forests.	Noted.
vii.	The project proponent shall inform the Regional Office as well as Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Complied.
viii.	A copy of the clearance letter shall be marked to concerned Panchayat / local NGO, if any, from whom any suggestion / representation has been made received while processing the proposal.	Complied.
ix.	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office / Tehsildar's Office for 30 Days.	Complied.

S No.	Condition	Compliance
9.	These stipulations would be enforced among others under the provisions of water (prevention and control of pollution) Act 1974, the air (prevention and control of pollution) Act 1981, the environment (protection) Act, 1986, the public liability (Insurance) Act 1991 and EIA notification 1994, including the amendments and rules made thereafter.	Noted.
10.	All other statutory clearances such as the approvals for storage of diesel from chief controller of explosives, fire department, civil aviation department, forest conservation Act, 1980 and wild life (Protection) Act, 1972 etc., shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied. All the necessary approvals are obtained from respective regulatory authorities.
11.	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the state pollution control board and may also be seen on the website of the Ministry of Environment and Forest at http://www. envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the regional office of this Ministry at Bangalore.	Complied and communicated.

S No.	Condition	Compliance
12.	Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in writ Petition (civil) No.460 of 2004 as may be applicable to this project.	Noted.
13.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Noted The Half Yearly Compliance Report is being uploaded on company website at https://seilenergy.com/AboutUs/Disclosure
14.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad / Municipal corporation, Urban local body and local NGO, if any from whom suggestions / representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied.
15.	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.	Noted. Half Yearly EC Compliance reports are being submitted to concern regulatory authorities along with the Monitoring & Analysis data and the same being uploaded on company website. The Latest EC Compliance report was submitted on 30 th May 2024 Vide letter No. SEIL P2/MoEF&CC/Chennai/2024/003 to concern regulatory bodies by E-mail.

S No.	Condition	Compliance
16.	The Environmental 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 MoEF by e-mail.	Complied. Environmental Statement (Form-V) for each financial year is being submitted to APPCB and the same is uploaded on company Website. https://seilenergy.com/AboutUs/Disclosure Reports are being submitted to respective concern regulatory authorities by E-mail.



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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-2 (2x660 MW Coal Based Thermal Power Plant), Near Ananthavaram(V), Thotapalli Gudur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Marine Outfall Water Date of Sampling: 21.11.2023 Sample Collected By: Ganesh	Sample Registration Date: 22.11.2023 Analysis Starting Date: 22.11.2023 Analysis Completed Date: 29.11.2023 Issue Date: 30.11.2023 Lab Ref: SEPL/ES/SEILEILP/11-23/0001

TEST RESULT

S. NO	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	STANDARDS
1	pH	IS:3025(Part-11)1983	--	7.2	6.5-8.5
2	Temperature Intake	--	°C	27.6	Shall not exceed 5°C above the Receiving temperature
3	Temperature Out Fall	--	°C	30.1	
4	Electric Conductivity	IS: 3025:1964	µs/cm	23,274	--
5	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	18,568	--
6	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	52	100
7	Chemical Oxygen Demand	IS:3025(Part-58)-2006	mg/l	67	250
8	Biochemical Oxygen Demand (3 days at 27°C)	IS:3025(Part-44)-1993	mg/l	35	100
9	Oil & Grease	IS:3025(Part-39)-1991	mg/l	<1.0	10
10	Total Hardness as CaCO ₃	IS:3025(Part-21)-2012	mg/l	4,178	--
11	Total Alkalinity as CaCO ₃	IS:3025(Part-23)-2012	mg/l	733	--
12	P- Alkalinity as CaCO ₃	IS:3025(Part-13)-1964	mg/l	Nil	--
13	Turbidity	IS:3025(Part-10)-2012	NTU	3.8	--
14	Calcium as Ca	IS:3025(Part-40)-2012	mg/l	1,125	--
15	Magnesium as Mg	IS:3025(Part-46)-2012	mg/l	277	--
16	Sodium as Na	IS:3025(Part-45)1993	mg/l	563	--

K.S.Laj
Verified by



DA
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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S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	STANDARDS
17	Potassium as K	IS:3025(Part-45)-1993	mg/l	232	--
18	Chloride as Cl	IS:3025(Part-32)-2012	mg/l	7,567	--
19	Sulphates as SO ₄	IS:3025(Part-24)-2012	mg/l	637	--
20	Nitrates as NO ₃	IS:3025(Part-34)-2012	mg/l	25.4	--
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	424	--
23	Iron as Fe	IS:3025(Part-53)-2012	mg/l	3.7	--
24	Fluoride as F	IS:3025(Part-60)-2012	mg/l	1.2	--
25	Copper as Cu	IS:3025(Part-42)-2012	mg/l	0.65	--
26	Manganese as Mn	IS:3025(Part-59)-2012	mg/l	0.24	--
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	<0.005	2.0
29	Mercury as Hg	IS:3025(Part-48)-2012	mg/l	<0.001	0.01
30	Selenium as Se	IS:3025(Part-56)-2012	mg/l	<0.005	--
31	Arsenic as As	IS:3025(Part-37)-2012	mg/l	<0.01	0.2
32	Cyanide as CN	IS:3025(Part-27)-2012	mg/l	<0.01	--
33	Lead as Pb	IS:3025(Part-47)-2012	mg/l	<0.01	2.0
34	Zinc as Zn	IS:3025(Part-49)-2012	mg/l	0.44	--
35	Hexavalent Chromium as Cr ⁺⁶	IS:3025(Part-38)-1964	mg/l	<0.001	1.0
36	Boron as B	IS:3025(Part-57)-2012	mg/l	0.003	--
37	Silica as SiO ₂	IS:3025(Part-35)-2019	mg/l	32.6	--

Note: IS- Indian Standard

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TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-2 (2x660 MW Coal Based Thermal Power Plant), Near Ananthavaram(V), Thotapalli Gudur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Marine Outfall Water (Fish Bio-Assay Test) Date of Sampling: 21.11.2023 Sample Collected By: Ganesh	Sample Registration Date: 22.11.2023 Analysis Starting Date: 22.11.2023 Analysis Completed Date: 29.11.2023 Issue Date: 30.11.2023 Lab Ref: SEPL/ES/SEILEILP/11-23/0002

TEST RESULT

TEST SPECIES	SOURCE OF ORGANISM	LENGTH & WEIGHT (For Fish)	REMARKS
Zebra Fish	Through vendors	1.Length 4.1 cm 2.Weight 3.0 gm	1.Fish were not fed <u>Yes</u> 2. Temperature range in aquarium 24°C

REFERENCE TEST DATA

START DATE: 29.11.2023 END DATE: 30.11.2023
COMMENTS:
The test species were undergone toxicity for about 96 Hrs. RESULT: 97%survival of fish was noticed

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

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Discipline: Chemical Group: Water Product: Marine Outfall Water Date of Sampling: 19.02.2024 Sample Collected By: Ganesh	Sample Registration Date: 20.02.2024 Analysis Starting Date: 20.02.2024 Analysis Completed Date: 26.02.2024 Issue Date: 27.02.2024 Lab Ref: SEPL/ES/SEILEILP/02-24/0001

TEST RESULT

S. NO	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	STANDARDS
1	pH	IS:3025(Part-11)1983	--	7.5	6.5-8.5
2	Temperature Intake	--	°C	28.6	Shall not exceed 5°C above the Receiving temperature
3	Temperature Out Fall	--	°C	31.5	
4	Electric Conductivity	IS: 3025:1964	µs/cm	23,287	--
5	Total Dissolved Solids	IS:3025(Part-15)1984	mg/l	18,574	--
6	Total Suspended Solids	IS:3025(Part-15)1984	mg/l	56	100
7	Chemical Oxygen Demand	IS:3025(Part-58)-2006	mg/l	71	250
8	Biochemical Oxygen Demand (3 days at 27°C)	IS:3025(Part-44)-1993	mg/l	39	100
9	Oil & Grease	IS:3025(Part-39)-1991	mg/l	<1.0	10
10	Total Hardness as CaCO ₃	IS:3025(Part-21)-2012	mg/l	4,185	--
11	Total Alkalinity as CaCO ₃	IS:3025(Part-23)-2012	mg/l	742	--
12	P- Alkalinity as CaCO ₃	IS:3025(Part-13)-1964	mg/l	Nil	--
13	Turbidity	IS:3025(Part-10)-2012	NTU	4.2	--
14	Calcium as Ca	IS:3025(Part-40)-2012	mg/l	1,132	--
15	Magnesium as Mg	IS:3025(Part-46)-2012	mg/l	285	--
16	Sodium as Na	IS:3025(Part-45)1993	mg/l	577	--

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

S. No	TEST PARAMETERS	TEST METHOD	UNITS	RESULTS	STANDARDS
17	Potassium as K	IS:3025(Part-45)1993	mg/l	239	--
18	Chloride as Cl	IS:3025(Part-32)-2012	mg/l	7,574	--
19	Sulphates as SO ₄	IS:3025(Part-24)-2012	mg/l	642	--
20	Nitrates as NO ₃	IS:3025(Part-34)-2012	mg/l	26.3	--
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	432	--
23	Iron as Fe	IS:3025(Part-53)-2012	mg/l	3.9	--
24	Fluoride as F	IS:3025(Part-60)-2012	mg/l	1.5	--
25	Copper as Cu	IS:3025(Part-42)-2012	mg/l	0.74	--
26	Manganese as Mn	IS:3025(Part-59)-2012	mg/l	0.32	--
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	<0.005	2.0
29	Mercury as Hg	IS:3025(Part-48)-2012	mg/l	<0.001	0.01
30	Selenium as Se	IS:3025(Part-56)-2012	mg/l	<0.005	--
31	Arsenic as As	IS:3025(Part-37)-2012	mg/l	<0.01	0.2
32	Cyanide as CN	IS:3025(Part-27)-2012	mg/l	<0.01	--
33	Lead as Pb	IS:3025(Part-47)-2012	mg/l	<0.01	2.0
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	<0.001	1.0
36	Boron as B	IS:3025(Part-57)-2012	mg/l	0.002	--
37	Silica as SiO ₂	IS:3025(Part-35)-2019	mg/l	34.6	--

Note: IS- Indian Standard

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TEST REPORT

ISSUED TO: M/s. SEIL ENERGY INDIA LIMITED PROJECT-2 (2x660 MW Coal Based Thermal Power Plant), Near Ananthavaram (V), Thotapalli Gudur (M), SPSR Nellore (Dist.) -524344.	
Discipline: Chemical Group: Water Product: Marine Outfall Water (Fish Bio-Assay Test) Date of Sampling: 19.02.2024 Sample Collected By: Ganesh	Sample Registration Date: 20.02.2024 Analysis Starting Date: 20.02.2024 Analysis Completed Date: 26.02.2024 Issue Date: 27.02.2024 Lab Ref: SEPL/ES/SEILEILP/02-24/0002

TEST RESULT

TEST SPECIES	SOURCE OF ORGANISM	LENGTH & WEIGHT (For Fish)	REMARKS
Zebra Fish	Through vendors	1.Length 4.0 cm 2.Weight 3.7 gm	1.Fish were not fed <u>Yes</u> 2. Temperature range in aquarium 26°C

REFERENCE TEST DATA

START DATE: 26.02.2024 END DATE: 27.02.2024
COMMENTS:
The test species were 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



DA
Authorized by
Managing Director

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