



Sembcorp Energy India Limited

CIN: U40103TG2008PLC057031

Regd. Office: 5th Floor, Tower C, Building No 8
DLF Cybercity, Gurgaon - 122002, Haryana, India

Tel (91) 124 389 6700 / 01

Fax (91) 124 389 6710

E-mail: cs.india@sembcorp.com

Website: www.sembcorpenergyindia.com

SEIL P2/APPCB/BZA/2022/009

27th December 2022

To

The Member Secretary,
Andhra Pradesh Pollution Control Board,
D. No. 33-26-14 D/2, Near Sunrise Hospital,
Pushpa Hotel Centre, Chalamalavari Street,
Kasturibaipet,
Vijayawada– 520010.

Sub: Submission of Half Yearly CFO Compliance Report of SEIL Project-2 (formerly known as Sembcorp Gayatri Power Limited– SGPL) for the period April 2022 to September 2022.

Ref: CFO order issued vide Ref: APPCB/VJA/NLR/182/HO/CFO/2016 dated 14.12.2021 valid till 28.02.2027.

Dear Sir,

This has reference to the above subject, we here by submit the Half Yearly compliance report for the period from April 2022 to September 2022 against the conditions stipulated under CFO issued to SEIL Project-2 (formerly known as Sembcorp Gayatri Power Limited– SGPL), Nellore.

Hope the above is in order.

Thanking you,

Yours faithfully,

For M/s. Sembcorp Energy India Limited,

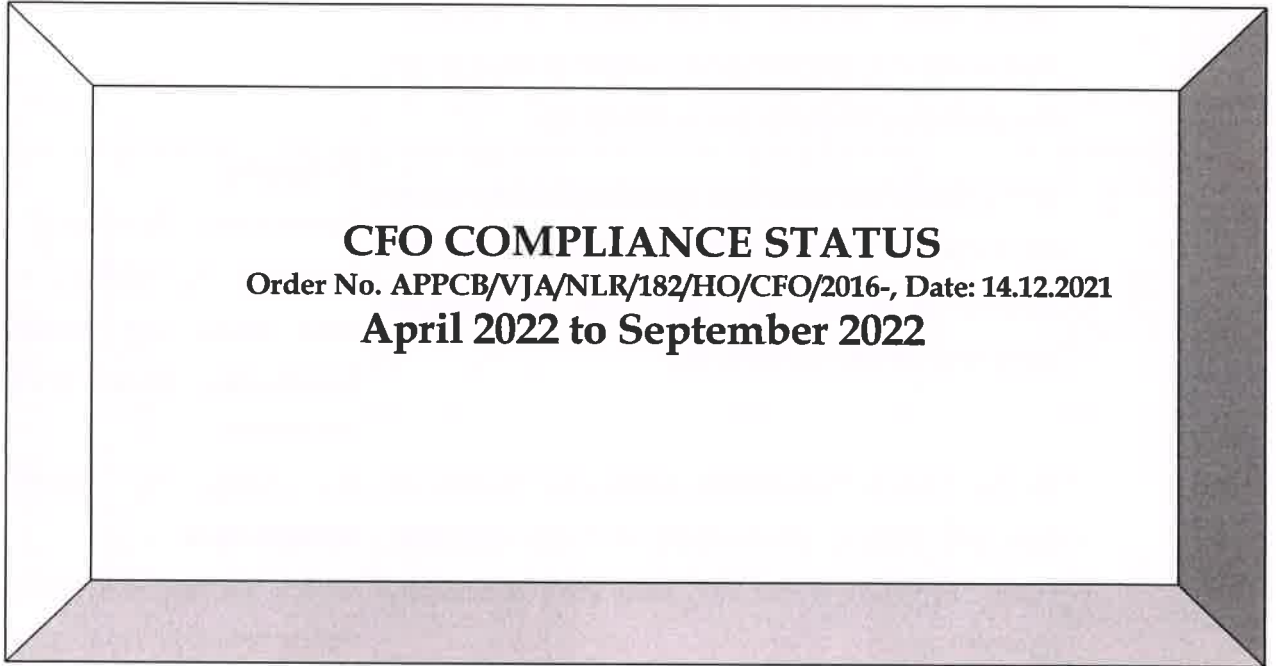
Pavan Kumar Rao V

Head HSE - SEIL

✓ Copy To: The Regional Officer, APPCB, Nellore

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

Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021



Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

Compliance against CFO Conditions		
S. No.	Condition	Compliance Status
<u>SCHEDULE-A</u>		
1.	Any up-set condition in any industrial plant/ activity of the industry, which result in, increased effluent/ emission discharge and / or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge/emission below the limits.	Complying, being done proactively.
2.	The industry shall carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board.	Complying. Environment Monitoring Reports conducted by MoEF&CC approved third party are attached as Annexure-I, II, III & IV.
3.	All the rules & Regulations notified by Ministry of Law and Justice, Government of India regarding Public liability Insurance Act, 1991 shall be followed as applicable.	Complying. PLI Copy is attached as Annexure-V. (Policy Number: 03040050290200 Policy Effective from 18/04/2022 to 17/04/2023)
4.	Notwithstanding anything contained in this consent order the Board hereby reserves the right and powers to review/ revoke any and /or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.	Noted.
5.	The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.	Noted.




Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
6.	The applicant shall submit Environment Statement in Form V before 30 th September every year as per Rule no.14 of E (P) Rules 1986 & amendments thereof.	Complying. Environment Statement for FY2021-22 in Form-V has been submitted to APPCB vide letter ref. No: SEIL P2/ APPCB/ BZA/ 2022/009 dt.26.09.2022.
7.	The applicant should make applications through Online for renewal of Consent (Under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed Compliance Status of CFO conditions for obtaining Consent & HW Authorization of the Board.	Noted for Compliance.
8.	The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material use, process employed, quantity of trade effluents & Quantity of emissions. Any change in the management shall be informed to the Board. The person authorize shall not let out the premises /lend/sell/transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.	Noted for Compliance.
9.	Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982 to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act 1981.	Noted.



Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021


S. No.	Condition	Compliance Status
10.	The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other component authority as per the Rules in vogue.	Noted.
11.	The industry may explore the possibility of tapping the solar energy for their energy requirements.	Noted for Compliance. SEIL P-1 has installed roof top solar panels and solar streetlights. SEIL is also exploring the suitability for small capacity solar plant.
12.	The industry should educate the workers and nearby public of possible accidents and remedial measures.	Complying. Regular trainings are being given to workers. All the measures have been taken to avoid any mishap which may lead to harm outside the plant premises (Off site)
SCHEDULE-B		
Special Conditions		
1.	Concrete / asphalt internal roads shall be repaired/ laid within 3 months.	Complied. 
2.	100 % fly ash utilization shall be achieved by March 2022.	SEIL Project-2 has attained 100% fly ash utilization since November 2019. SEIL is making all out efforts to sustain 100% utilization of fly ash and achieved the same. MoUs are signed with brick manufacturers, traders and cement plants for ash utilization. Dedicated Fly Ash Management Cell has been formed to have focused efforts and approach towards fly ash utilization.



Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status																																						
Water Pollution:																																								
3.	<p>The industry shall comply with the following effluent standards based on the disposal points permitted:</p> <table border="1"> <thead> <tr> <th>Outlet No.</th> <th>Parameter</th> <th>Limiting Standards</th> </tr> </thead> <tbody> <tr> <td rowspan="10">1 to 3</td> <td>pH</td> <td>6.5 to 8.5</td> </tr> <tr> <td>Suspended Solids</td> <td>100.0 mg/L</td> </tr> <tr> <td>Oil & Grease</td> <td>20.0 mg/L</td> </tr> <tr> <td>Temperature</td> <td>Shall not exceeded 5 °C above the receiving water temperature</td> </tr> <tr> <td>Biochemical Oxygen Demand (3 days at 27 °C)</td> <td>100 mg/L</td> </tr> <tr> <td>Chemical Oxygen Demand (COD)</td> <td>250 mg/L</td> </tr> <tr> <td>Arsenic</td> <td>0.01 mg/L</td> </tr> <tr> <td>Mercury</td> <td>2.0 mg/L</td> </tr> <tr> <td>Lead</td> <td>2.0 mg/L</td> </tr> <tr> <td>Cadmium</td> <td>2.0 mg/L</td> </tr> <tr> <td>Hexavalent Chromium</td> <td>1.0 mg/L</td> </tr> <tr> <td></td> <td>Bio essay test</td> <td>90% survival fish after 95 hours in 100 % effluent</td> </tr> <tr> <td rowspan="4">4 & 5</td> <td>pH</td> <td>5.5 to 9.0</td> </tr> <tr> <td>Suspended Solids</td> <td>200.0 mg/L</td> </tr> <tr> <td>Oil & Grease</td> <td>10.0 mg/L</td> </tr> <tr> <td>Biochemical Oxygen Demand (3 days at 27 °C)</td> <td>100 mg/L</td> </tr> </tbody> </table>	Outlet No.	Parameter	Limiting Standards	1 to 3	pH	6.5 to 8.5	Suspended Solids	100.0 mg/L	Oil & Grease	20.0 mg/L	Temperature	Shall not exceeded 5 °C above the receiving water temperature	Biochemical Oxygen Demand (3 days at 27 °C)	100 mg/L	Chemical Oxygen Demand (COD)	250 mg/L	Arsenic	0.01 mg/L	Mercury	2.0 mg/L	Lead	2.0 mg/L	Cadmium	2.0 mg/L	Hexavalent Chromium	1.0 mg/L		Bio essay test	90% survival fish after 95 hours in 100 % effluent	4 & 5	pH	5.5 to 9.0	Suspended Solids	200.0 mg/L	Oil & Grease	10.0 mg/L	Biochemical Oxygen Demand (3 days at 27 °C)	100 mg/L	<p>Complying.</p> <p>ETP Outlet & Marine Outfall, STP treated water analysis reports performed by APPCB approved third Party consultant are attached as Annexure-I.</p>
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4.	<p>The source of water is sea. The following is the permitted water consumption:</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Purpose</th> <th>Quantity in m³/day</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>For Cooling Tower make up (Saline water)</td> <td>273728.0</td> </tr> <tr> <td rowspan="6">2.</td> <td>Non-cooling water – RO First pass</td> <td></td> </tr> <tr> <td>i) Clarifier</td> <td>27714.0</td> </tr> <tr> <td>ii) Misc. services</td> <td>6300.0</td> </tr> <tr> <td>RO Second pass</td> <td></td> </tr> <tr> <td>i) DM Plant</td> <td>1590.0</td> </tr> <tr> <td>ii) Domestic (Drinking Water)</td> <td>75.0</td> </tr> <tr> <td></td> <td>Total</td> <td>3,09,407.0</td> </tr> </tbody> </table>	Sl. No.	Purpose	Quantity in m ³ /day	1	For Cooling Tower make up (Saline water)	273728.0	2.	Non-cooling water – RO First pass		i) Clarifier	27714.0	ii) Misc. services	6300.0	RO Second pass		i) DM Plant	1590.0	ii) Domestic (Drinking Water)	75.0		Total	3,09,407.0	<p>As per the MoEF&CC Notification dated 28th June 2018 under Serial No. 5B, the said water consumption limit is not applicable for sea water based Thermal Power Plants.</p> <p>However, Sea Water Consumption is well below the prescribed limits.</p>																
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5.	<p>The industry shall maintain separate digital water meters in the intake point of sea water (i.e. at sea coast) with totalizer facility unit wise to assess daily water</p>	<p>Complying.</p> <p>Separate digital water meters with totalizer facility are provided for Cooling Tower make-up and Desalination system.</p>																																						

Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

	consumption quantity instead of cumulative water consumptions.	Monthly totalizer readings are being captured jointly along with Port Conservator, Govt. of India in a separate logbook.
S. No.	Condition	Compliance Status
6.	The industry shall maintain flow meter preferably Electro Magnetic Flow meters with totalizers for water and effluent quantity measurements for different streams of effluents and different categories of water usage stipulated in this order.	<p>Complying.</p> <p>SEIL has provided separate flow meters with totalizers for quantity measurement:</p> <ul style="list-style-type: none"> ↓ Sea Water Intake ↓ ETP Outlet ↓ Marine Out fall ↓ High Rate Solid Contact Clarifier (HRSCC) Outlet ↓ Cooling Tower Makeup ↓ Cooling Tower Blowdown ↓ ETP Inlet ↓ SPDS (Stock Pile Dust Suppression system) ↓ DFDS (Dry Fog Dust Suppression system)
7.	The industry shall provide leachate collection tank to collect the leachate from garland drain of ash pond.	<p>Complying.</p> <p>The Ash Pond is provided with garland drains all around to collect leachates, if any. Separate Leachate collection tank connected to all the garland drains of Ash Pond.</p> 



Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status												
8.	The industry shall maintain provision to collect the excess water from the ash pond into sea to control overflow of saline water from ash pond and to prevent irrigation tanks being polluted.	Complying. SEIL has ensured adequate provision at ash pond having an overflow lagoon connected to decantation well of both lagoons and the water is recirculated back to ash handling system for reuse.												
<u>Air Pollution:</u>														
9.	<p>The emissions shall not contain constituents in excess of the prescribed limits mentioned below:</p> <table border="1" data-bbox="296 1055 858 1279"> <thead> <tr> <th>Chimney No</th> <th>Parameter</th> <th>Emission standards</th> </tr> </thead> <tbody> <tr> <td rowspan="4">1&2</td> <td>Particular Matter</td> <td>50 mg/Nm³</td> </tr> <tr> <td>Sulphur Dioxide</td> <td>*200 mg/Nm³</td> </tr> <tr> <td>Oxides of Nitrogen</td> <td>*450 mg/Nm³</td> </tr> <tr> <td>Mercury (Hg)</td> <td>*0.03 mg/Nm³</td> </tr> </tbody> </table> <p>*The industry shall meet the SO₂ emission standard of 200 mg/Nm³ by 31.12.2024, as per MoEF&CC, GoI notification GSR No. 243 (E), dt.31.03.2021</p>	Chimney No	Parameter	Emission standards	1&2	Particular Matter	50 mg/Nm ³	Sulphur Dioxide	*200 mg/Nm ³	Oxides of Nitrogen	*450 mg/Nm ³	Mercury (Hg)	*0.03 mg/Nm ³	SEIL is complying with the Emission norms of Particulate Matter, NOx and Mercury. Stack Emission Monitoring Reports performed by MoEF&CC approved third Party consultant are attached as Annexure-II .
Chimney No	Parameter	Emission standards												
1&2	Particular Matter	50 mg/Nm ³												
	Sulphur Dioxide	*200 mg/Nm ³												
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Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
10.	<p>The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10µm)- 100 µg/m³; PM_{2.5} (Particulate Matter size less than 2.5 µm)- 60 µg/m³; SO₂- 80 µg/m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry.</p> <p>Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.</p> <p>Noise Levels: Day time (6 AM to 10 PM)-75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A)</p>	<p>Complying.</p> <p>SEIL is complying with Ambient Air Quality parameters as prescribed in NAAQMS Standards.</p> <p>Ambient Air Quality Monitoring reports and Noise Monitoring reports conducted by MoEF&CC approved third party consultant are attached as Annexure-III.</p>
11.	<p>The industry shall comply with emission limits for DG sets of capacity up to 800 KW as per the Notification G.S.R.52 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.</p>	<p>Complying.</p> <p>SEIL is complying with the emission norms. DG Set Stack Emission is being monitored by MoEF&CC approved third party consultant and attached as Annexure-VI.</p>





Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
12.	The industry shall maintain wind barriers/ wind breaking walls to the coal yards as temporary arrangement to control fugitive dust emissions on immediate surroundings.	<p>SEIL has provided wind barriers all around coal yard with 3-tier thick Conocarpus trees. SEIL has transplanted adequate matured plants around coal yard as per directions given in Task force committee meeting.</p>  <p>The photographs show a series of wind barriers constructed from dense, mature trees. The top photo shows a close-up of the trees. The middle photo shows a wider view of the tree line. The bottom photo shows the trees in the distance, with a utility pole visible on the right side.</p>






Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
		<p>In addition, SEIL has installed adequate water sprinklers with water hydrant system in coal yard to mitigate fugitive emission.</p> 
13.	<p>The industry shall regularly operate water sprinklers provided to control stock yard to mitigate fugitive dust on the surroundings from coal handling area.</p>	<p>Complying.</p> <p>SEIL has installed adequate water sprinklers in coal yard to mitigate fugitive emission. Water consumption on monthly basis is being submitted attached as Annexure-VII</p> 



Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
14.	The industry shall provide & maintain necessary air pollution control systems at coal transfer points in coal conveyer system from port boundary to industry premises within 3 months.	<p>Complying.</p> <p>Entire coal transportation from port boundary to industry premises is through closed pipe conveyors. Coal crusher is provided with bag filter (Dust Extraction [DE] System).</p>  <p>DE system at Transfer points</p>
15.	The industry shall upgrade the air pollution control systems at coal crusher within 3 months.	<p>Complying.</p> <p>Bag filters along with Cyclone Separators, Dust suppression and Dry fog Dust suppression (DFDS) systems installed at coal crusher.</p>  



Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
16.	The industry shall provide separate energy meters along with totalizer facility for each ESP.	Complying. SEIL has provided separate energy meters to monitor ESP Power Consumption.
17.	The industry shall provide FGD system to meet the SO ₂ emission standard of 200 mg/Nm ³ by 31.12.2024, as per MoEF&CC, GoI notification GSR No. 243 (E), dt.31.03.2021.	SEIL is committed to commission Flue Gas Desulfurization System (FGD) to meet the SO _x limits as per the latest Notifications/Directions issued.

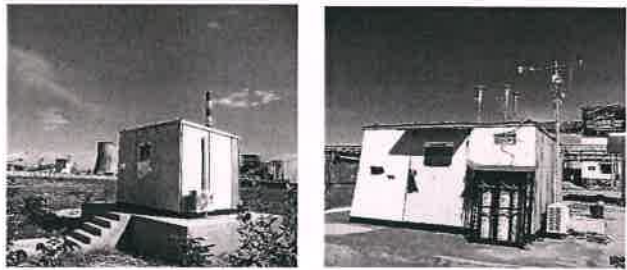
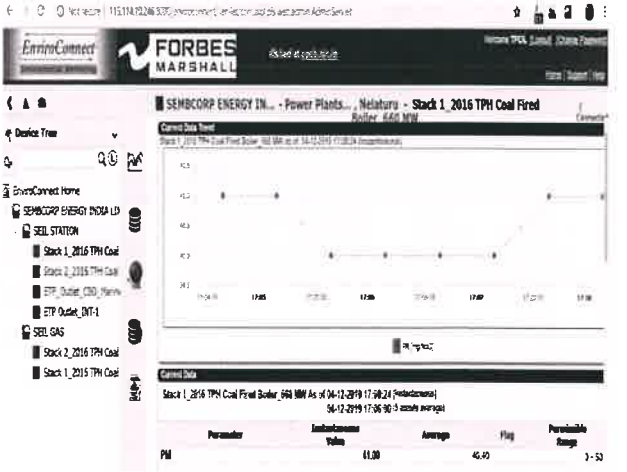


Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status												
General:														
18.	<p>The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:</p> <p>a. Daily production details (ER-1 Central Excise Returns).</p> <p>b. Quantity of Effluents generated, treated, recycled/ reused and disposed.</p> <p>c. Log Books for pollution control systems.</p> <p>d. Characteristics of effluents and emissions.</p> <p>e. Hazardous/Non-Hazardous solid waste generated and disposed.</p> <p>f. Inspection book.</p> <p>g. Manifest copies of hazardous.</p>	<p>Complying.</p> <p>All such applicable records are being regularly maintained.</p>												
19.	<p>The industry shall dispose solid waste (Non-Haz) as follows</p> <table border="1" data-bbox="284 1249 874 1608"> <thead> <tr> <th>S. No.</th> <th>Name of the Solid Waste</th> <th>Quantity</th> <th>Disposal</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Fly Ash</td> <td>1.50 Million Tons/ Annum</td> <td>To Cement / brick units</td> </tr> <tr> <td>2</td> <td>Bottom Ash</td> <td>0.40 Million Tons/ Annum</td> <td>To cement, brick manufacturing units. Unutilized bottom ash to ash pond in slurry mode</td> </tr> </tbody> </table>	S. No.	Name of the Solid Waste	Quantity	Disposal	1	Fly Ash	1.50 Million Tons/ Annum	To Cement / brick units	2	Bottom Ash	0.40 Million Tons/ Annum	To cement, brick manufacturing units. Unutilized bottom ash to ash pond in slurry mode	<p>Complying.</p> <p>SEIL Project-2 (formerly known as Sembcorp Gayatri Power Limited–SGPL) has attained 100% fly ash utilization since November 2019.</p> <p>Wet Bottom ash is transported to ash pond in the form of slurry.</p> <p>SEIL is making all out efforts to sustain 100% utilization of fly ash and achieved the same. MoUs are signed with brick manufacturers, traders and cement plants for ash utilization.</p> <p>Dedicated Fly Ash Management Cell has been formed to have focused efforts and approach towards fly ash utilization.</p>
S. No.	Name of the Solid Waste	Quantity	Disposal											
1	Fly Ash	1.50 Million Tons/ Annum	To Cement / brick units											
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Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status										
20.	The industry shall operate CAAQM stations for monitoring SPM, SO ₂ , and NOx with recording facility and maintain connectivity to PCB server.	<p>Complying.</p> <p>The Ambient Air Quality of the plant area and surroundings is being continuously monitored by using 4 No's of Continuous Air Quality Monitoring CAAQMS Stations. The data is being uploaded to PCB server on real-time basis.</p> 										
21.	The industry shall install & maintain online effluent and stack monitoring systems for specified parameters as per CPCB directions dated 05.02.2014 & 02.03.2015 and maintain connectivity to APPCB/CPCB websites.	<p>SEIL has provided Online Stack Emission Monitoring system & Effluent Quality Monitoring system and same is connected with the APPCB & CPCB websites.</p>  <table border="1" data-bbox="1018 1697 1469 1742"> <thead> <tr> <th>Parameter</th> <th>Instantaneous Value</th> <th>Average</th> <th>Flag</th> <th>Permissible Range</th> </tr> </thead> <tbody> <tr> <td>PM</td> <td>61.00</td> <td>45.95</td> <td></td> <td>1-53</td> </tr> </tbody> </table>	Parameter	Instantaneous Value	Average	Flag	Permissible Range	PM	61.00	45.95		1-53
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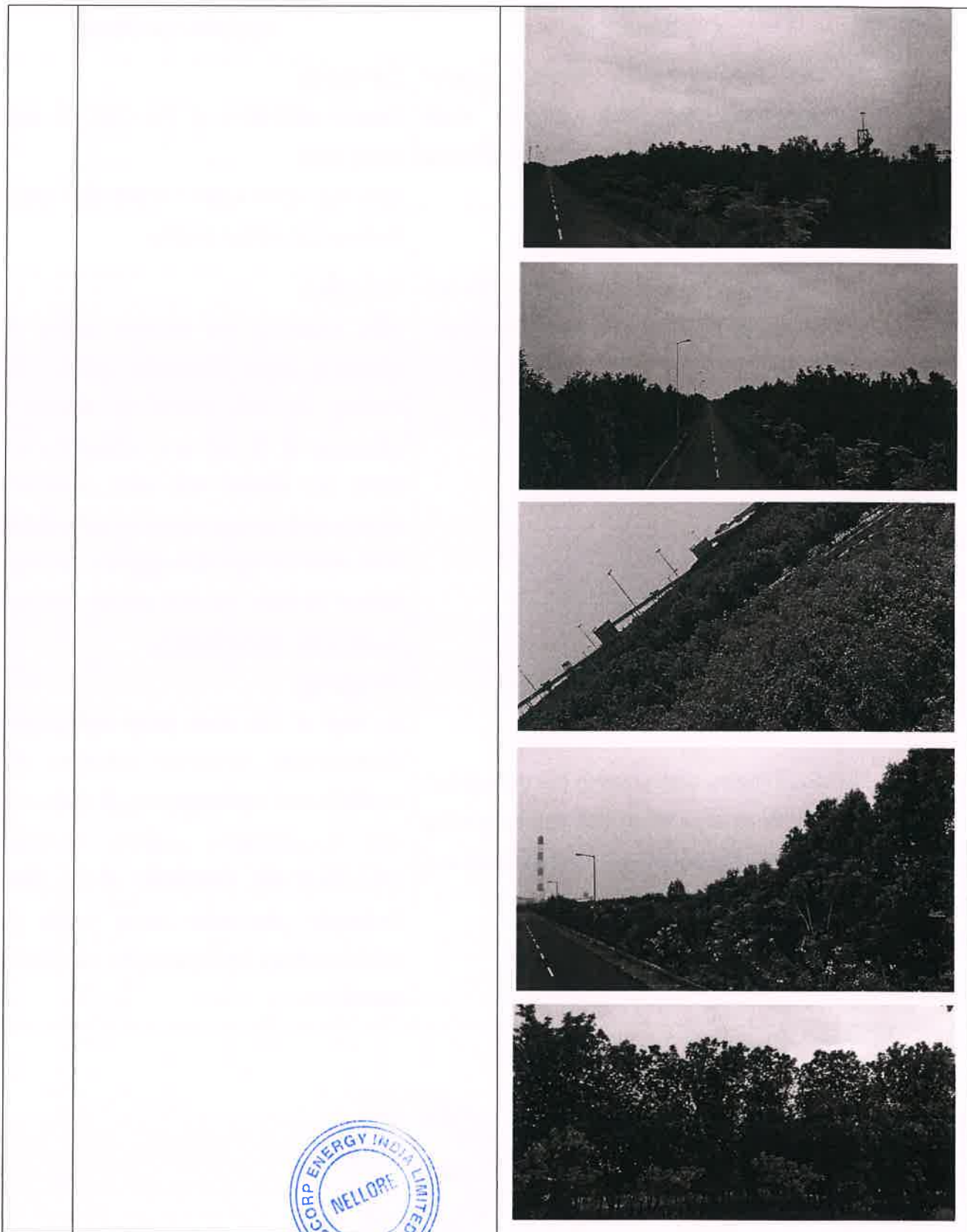
Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
25.	The industry shall carryout regular calibration for the on-line stack monitoring systems and CAAQM stations with tamper proof mechanism.	Complying. Regular calibration of the CAAQMS system is being done. Also, the CEMS system is provided with online Remote Calibration facility.
23.	The industry shall dispose 100% of fly ash generated as per the Fly ash Notification.	Complying. SEIL Project-2 has attained 100% fly ash utilization since November 2019. SEIL is making all out efforts to sustain 100% utilization of fly ash and achieved the same. MoUs are signed with brick manufacturers, traders and cement plants for ash utilization. Dedicated Fly Ash Management Cell has been formed to have focused efforts and approach towards fly ash utilization.
24.	The industry shall develop the thick green belt in an area of an 315 acres covering all along the periphery of the industry and ash pond area.	Complying. An area of 350 acres green belt/green cover development completed adopting scientific methods like establishment of mist chamber, drip & sprinklerx system, vermicompost production and application of bio pesticides. Peripheral plantation along inside of the compound wall has been taken up with 3 tier of plantation.



M/s. Sembcorp Energy India Limited Project-2,
Near Ananthavaram (V), Varakavipudi (P)
TP Gudur (M),
SPSR Nellore (Dist.)

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S. No.	Condition	Compliance Status
25.	The industry shall submit a copy of policy of Public Liability Insurance (PLI) duly indicating the amount contributed towards Environmental Relief Fund (ERF) to the RO once in six months.	Complying. The copy of PLI is being submitted to APPCB Regional office on regular basis. (Policy Number: 03040050290200 Policy Effective from 18/04/2022 to 17/04/2023) PLI Policy attached as Annexure-V .
26.	The industry shall comply with Board directions issued from time to time.	Noted.
27.	The industry shall comply with standards and directions issued by CPCB/MoEF&CC as and when notifications are issued.	Noted.
28.	The industry shall submit Compliance Status report on the conditions mentioned in the consent order, safety audit reports, Fire NOC, Onsite/Offsite emergency plans (modification if any) every 6 months i.e. on 1 st of January and July of every year to the Regional Office/Zonal Office.	Complying. SEIL Project-2 (formerly known as Sembcorp Gayatri Power Limited-SGPL) has submitted the six-monthly CFO Compliance Status report to APPCB vide letter No. SEIL P2/APPCB/BZA/2022/006 dated 27.06.2022.



Order No. APPCB/VJA/NLR/182/HO/CFO/2016-, Date: 14.12.2021

S. No.	Condition	Compliance Status
Special Condition		
1.	The industry shall maintain a copy of the NOC issued by the Andhra Pradesh State Disaster Response and Fire Service Dept., (APSDRFSD) at concerned Regional Office, APPCB.	Complied. Fire NOC attached as Annexure-VIII.
2.	The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC, Rules, 1989 and get it approval by the Factories Dept., and submit the Compliance Status along with copy of the safety report, safety audit certificate at concerned Regional Office, APPCB.	Complied. Safety Audit report attached as Annexure-IX.
3.	The industry shall extend training to the working personnel for the prevention of accidents and necessary antidotes to ensure safety, as per MISHC Rules, 1989.	Complying. Safety training is being imposed to the working personnel.
4.	The industry shall carry out calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office.	Not Applicable.
5.	The industry shall install fluorescent Wind Vane at the highest point in the industry premises.	Complied. 



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S. No.	Condition	Compliance Status
6.	The industry shall submit Risk analysis and risk assessment covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.	Complying. Onsite Emergency Management Plan is in place to meet any eventuality.
7.	The industry shall submit the copy of the safety audit report and On-site / Off-site Emergency Plans as applicable after being certified by the Factories Department to the APPCB, Regional Office from time to time, if the storage quantity of hazardous chemicals is equal to or, in excess of the threshold quantities specified in schedule 2 & 3 of MISHC Rules, 1989.	Complying. Onsite Emergency Management Plan is in place to meet any eventuality and attached as Annexure-X .
Schedule-C		
1	The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.	Complying.
2.	The authorization shall be produced for inspection at the request of an officer authorized by the state Pollution Control Board.	Noted for Compliance.
3.	The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.	Noted.
4.	Any authorized change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorization.	Noted.




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S. No.	Condition	Compliance Status
5.	The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.	Complying. Onsite Emergency Management Plan is in place to meet any eventuality. Periodic mock drills are being conducted.
6.	The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposed of Hazardous Waste and Penalty".	Noted for Compliance.
7.	It is duty of the authorised person to take prior permission of the pollution Control Board to close down the facility.	Noted.
8.	The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of	Complying. All the Hazardous Wastes generated are being disposed to authorized vendors through APEMC.
9.	An application for the renewal of an authorisation shall be made as laid down under these Rules.	Noted for Compliance.
10	Any other conditions for Compliance Status as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time	Noted for Compliance.



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11.	Annual returns shall be filed by June 30 th for the period ensuring 31 st March of the year.	Complying. SEIL Project-2 has submitted the Hazardous Waste Annual returns in Form-4 to APPCB vide SEIL P2/APPCB/Nellore/2022/003 dated 25.06.2022.
S. No.	Condition	Compliance Status
12.	The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management & Transboundary Movement) Rules, 2016.	Complying. Disposal of Hazardous wastes being done through APEMC Authorized Waste Receivers as per HWM rules.
13.	The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.	Complying. SEIL Project-2 (formerly known as Sembcorp Gayatri Power Limited- SGPL) is storing the Used / Waste Oil and Used Lead Acid Batteries under a secured Hazardous Waste Storage shed and being disposed through APEMC Authorized Receivers. 



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S. No.	Condition	Compliance Status
14.	The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concern Regional Office of APPCB. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card.	<p>Complying.</p> <p>Hazardous wastes disposal is being done through APEMC online portal to authorized waste Receivers by following Manifest system as per HWM rules, 2016.</p> <p>Hazardous Waste Manifests are being submitted to RO, APPCB.</p> <p>TREM card is being issued to transporters during transportation.</p>
15.	The industry shall maintain proper records for Hazardous and Other Wastes stated in Authorisation in Form-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.	<p>Complying.</p> <p>SEIL Project-2 is maintaining Hazardous waste records in Form-3.</p> <p>SEIL Project-2 (formerly known as Sembcorp Gayatri Power Limited– SGPL) has submitted the Hazardous Waste Annual returns in Form–4 to APPCB vide SEIL P2/APPCB/BZA/2022/003 dated 25.06.2022.</p>

