

**KARAIKAL PORT PRIVATE LIMITED  
KARAIKAL DISTRICT, PUDUCHERRY U.T**

**CRZ Clearance for permission to handle Crude Oil and Petroleum  
Products connecting Chidambaranar Oil Jetty at Nagore and KPPL  
jetty by M/s Karaikal Port Private Limited.**

**MoEF&CC EC letter No F. No. 11-35/2010-IA.III dated 25<sup>th</sup> Oct, 2010**

**Compliance Report for the Period of  
April to September 2023**

KPP/ENV/MoEF&CC/EC-CRZ /2023/06

Date:18<sup>th</sup> October,2023

**To**

**The Regional Officer, Integrated Regional Office (IRO),**

Ministry of Environment, Forest & Climate Change (MoEF&CC),

1st Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road,  
Nungambakkam, Chennai - 600006

**Subject:**

Submission of Compliance Report by end of 30<sup>th</sup> September, 2023 – Regarding

**Reference:**

CRZ Clearance for permission to handle Crude Oil and Petroleum Products connecting Chidambaranar Oil Jetty at Nagore and KPPL jetty by M/s Karaikal Port Private Limited MoEF&CC EC letter No F. No. 11-35/2010-IA.III dated 25<sup>th</sup> Oct, 2010

Respected Sir

As per the conditions stipulated in Environmental & CRZ Clearance letter (F. No. 11-35/2010-IA.III dated 25<sup>th</sup> Oct, 2010), from Govt of India, Ministry of Environment, Forest and Climate Change IA.III Section (MOEF&CC, IA.III Section), herewith we are submitting the status of compliance reports including results of monitored data for the period of April to September 2023.

Thanking you,

Yours faithfully,



(Prabu Ananth B)

Authorized Signatory

Cc:

- **The Regional Director**, CPCB Regional Directorate/Project Office, Second Floor, No.77-A, South Avenue Road, Ambattur Industrial Estate, Ambattur Taluk, Thiruvallur District, Chennai 600 058
- **The Member Secretary**, Puducherry Pollution Control Committee (PPCC), Department of Science, Technology & Environment, 3rd Floor, PHB Building, Anna Nagar, Puducherry 605 005.

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U4520PY2006PTC001945

Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal – 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

www.karaikalport.com

## Index

Sl.No	Particulars	Remarks
I	Compliance report Apr to Sep 2023	Attached
	Annexures	
1	No Objection Certificate from PPCC	Attached
2	Oil Spill Contingency Plan Approval	Attached
3	DMP Relevant pages	Attached
4	STP Report for Apr to Sep 2023	Attached
5	CEA Approval for DG	Attached
6	Air & Water Consent to operate from PPCC	Attached
7	Public Liability Insurance Policy	Attached
8	Advertisement for the CRZ Clearance issuance	Attached
9	Copy of Compliance report including monitored data	Attached
10	Annual Environmental Statement	Attached
11	Present Status of the Project	Attached



## **KARAIKAL PORT PRIVATE LIMITED**

CIN: U4520PY2006PTC001945

Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal – 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

**KARAIKAL PORT PRIVATE LIMITED – Six monthly CRZ Compliance Report**  
**For the period of April to September 2023**

**Subject: CRZ Clearance for permission to handle Crude Oil and Petroleum Products connecting Chidambaranar Oil Jetty at Nagore and KPPL jetty by M/s Karaikal Port Private Limited vide the MoEF&CC Letter of No F. No. 11-35/2010-IA.III dated 25<sup>th</sup> October, 2010.**

1		Project Type River valley / Mining / Industry / Thermal / Nuclear / Other Specify	:	Infrastructure Project – Port Operations
2		Name of the project	:	CRZ clearance for permission to handle Crude Oil and Petroleum Products connecting Chidambaranar Oil Jetty at Nagore and KPPL Jetty by M/s Karaikal Port Private Limited
3		Clearance letter(s) / OM No. and dated	:	MoEF&CC Letter of No F. No. 11-35/2010-IA.III dated 25 <sup>th</sup> Oct, 2010.
4		<u>Locations</u>	:	
	a.	Taluk(s) District	:	Karaikal Taluk and District
	b.	State (s)	:	Puducherry
	c.	Latitudes / Longitudes	:	10° 50' N and 79° 51' E
5		<u>Address of correspondence</u>	:	
	a.	Address of concerned project Chief Engineer (with Pin Code & telephone / telex / fax numbers)	:	Karaikal Port Pvt. Ltd., Keezhavanjore Village T.R.Pattinam 609606Karaikal+91-4365 256600 Fax: +91-4365 256603
	b.	Address of Executive Project Engineer/ Manager (with Pin Code/fax numbers)	:	Same as above.

**KARAIKAL PORT PRIVATE LIMITED – Six monthly CRZ Compliance Report**  
**For the period of April to September 2023**

**Subject: CRZ clearance for permission to handle crude oil and petroleum products connecting Chidambaranar Oil Jetty at Nagore and KPPL Jetty by M/s Karaikal Port Private Limited vide the MoEF&CC letter of No F. No. 11-35/2010-IA.III dated 25<sup>th</sup> Oct, 2010.**

<b>Sl. No</b>	<b>MoEF&amp;CC Specific Condition</b>	<b>Compliance Status</b>
<b>(I)</b>	Consent for Establishment" shall be obtained from Puducherry Pollution Control Committee under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	<b>Complied.</b>  No Objection Certificate from Pollution angle for the Port Development was issued by the PPCC. Copy of the same is attached at <b>Annexure 1</b>
<b>(II)</b>	Oil contingency plan shall be implemented.	<b>Complied.</b>  As envisaged in the Oil contingency plan requisite equipment's procured and installed. The validity of Indian Coast Guard Approved OSCP is due. KPPL has applied for the renewal of the same. However, KPPL has received a comments from Indian Coast Guard & revised plan has been submitted. Once the revised OSCP is approved by Indian Coast Guard, copy of the same will be submitted to Ministry. Updates are attached at <b>Annexure 2.</b>
<b>(III)</b>	Risk Assessment & Emergency Management Plan shall be prepared	<b>Complied.</b>  Disaster Management Plan is in place. Port is maintaining the necessary preparedness to meet the Emergency/eventualities viz Fire Accidents, Cyclone warnings and unforeseen situations to tackle. Necessary updates are being carried out with emerging requirements. Copy of relevant pages in DMP are attached at <b>Annexure 3.</b>
<b>(IV)</b>	Construction shall be carried out strictly as per the provisions of CRZ Notification, 1991. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	<b>Complied.</b>  Construction was carried out strictly as per the provisions of CRZ Notification.

**KARAIKAL PORT PRIVATE LIMITED – Six monthly CRZ Compliance Report**  
**For the period of April to September 2023**

(V)	There shall be no disposal of solid and liquid wastes in to the Coastal areas.	<b>Complied</b> There is no disposal of solid & liquid wastes in to the coastal areas. Prevention of pollution of the marine environment by ships from operational or other accidental causes, MARPOL is strictly adhered. Necessary waste management plan is in place.
(VI)	Sewage Treatment facility should be provided in accordance with the CRZ Notification. Treated sewage shall be reused for flushing of toilets and horticulture purposes.	<b>Complied.</b> Sewage Treatment Plant (STP) with a capacity of 30 KLD is installed for treatment of domestic sewage. The treated water is being reused for the Green Belt Development. Copy of STP water analysis report is attached at <b>Annexure 4</b>
(VII)	The solid waste shall be properly collected, segregated and disposed as per the provision of Solid Waste (Management and Handling) Rules, 2000.	<b>Complied.</b> Waste Management Plan is in Place. Solid Waste is disposed as per the provision of Solid Waste (Management & Handling) Rules, 2016.
(VIII)	Installation and operation of DG set if any shall comply with the guidelines of CPCB.	<b>Complied.</b> Four DG sets (2*500KVA, 1*625 KVA & 1*380KVA) installed having the specifications as per the guidelines of CPCB. Copy of CEA approval is attached at <b>Annexure 5</b>
(IX)	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance	<b>Noted.</b>
<b>Sl.No</b>	<b>MoEF&amp;CC General Conditions</b>	<b>Compliance Status</b>
(I)	The construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration, meticulously conforming to the existing local and Central rules and regulations including the provisions of Coastal Regulation Zone Notification dated 19.02.1991 and the approved Coastal Zone Management Plan of Puducherry.	<b>Complied.</b> The construction of the structures has been carried out by M/s MARG Constructions Limited known for its core competence of marine infrastructure & industrial projects, Chennai a reputed EPC. Requisite approvals were obtained for said construction activity.

**KARAIKAL PORT PRIVATE LIMITED – Six monthly CRZ Compliance Report**  
**For the period of April to September 2023**

(II)	In the event of any change in the project profile a fresh reference shall be made to the Ministry of Environment and Forests.	<b>Noted and agreed upon.</b>
(III)	This Ministry reserves the right to revoke this clearance, if any, of the conditions stipulated are not complied with to the satisfaction of this Ministry.	<b>Noted and agreed upon.</b>
(IV)	This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	<b>Noted and agreed upon.</b>
(V)	Full support should be extended to the officers of this Ministry's Regional Office at Bangalore and the offices of the Central and State Pollution Control Board by the project proponents during their inspection for monitoring purposes.	<b>Noted. Being complied.</b>
7	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 Municipal Solid Wastes (Management and Handling) Rules, 2000 including the amendments and rules made thereafter.	<b>Complied.</b>  Port has obtained Air & water Consent to operate from Puducherry Pollution Control Committee with a validity upto 31.03.2026. Copy of the same is attached at <b>Annexure 6</b>  Port has Public Liability Insurance Policy with a validity upto Sep 2024. Copy of the same is attached at <b>Annexure 7</b>
8	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 Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	<b>Complied.</b>  Requisite Clearances obtained from the Competent Authorities by M/s. Karaikal Port Private Limited.

**KARAIKAL PORT PRIVATE LIMITED – Six monthly CRZ Compliance Report**  
**For the period of April to September 2023**

9	<p>The project proponent should 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 Puducherry Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <a href="http://www.envfor.nic.in">http: / /www.envfor.nic.in</a>. 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.</p>	<p><b>Complied.</b></p> <p>Karaikal Port has advertised the issuance of CRZ Clearance to handle Crude &amp; other petroleum products in two local Newspapers viz The New Indian Express, Trichy Tamil Nadu edition &amp; Dinamani Trichy Tamil Nadu edition on 05.11.2010  Copy of the same was submitted to the Ministry. The same is attached at <b>Annexure 8</b></p>
10	<p>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.</p>	<p><b>Noted</b></p>
11	<p>Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.</p>	<p><b>Noted</b></p>
12	<p>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.</p>	<p><b>Complied.</b></p> <p>Copy of the Clearance letter sent by the Project proponent to the said concerned Agencies. The clearance letter also uploaded in the website (<a href="http://www.karaikalport.com">www.karaikalport.com</a>) of the company by Karaikal Port</p>



**KARAIKAL PORT PRIVATE LIMITED – Six monthly CRZ Compliance Report**  
**For the period of April to September 2023**

<b>13</b>	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	<b>Complied.</b> Status are updated in the website on regular basis
<b>14</b>	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB	<b>Complied.</b> Compliance reports submitted regularly to the Integrated Regional Office of MoEF&CC at Chennai, CPCB Regional Directorate / Project Office at Chennai & PPCC at Puducherry. Copy of the same is attached at <b>Annexure 9</b> .
<b>15</b>	The environmental statement for each financial year ending 31 <sup>st</sup> 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.	<b>Complied.</b> The environmental Statement for each financial year ending 31 <sup>st</sup> March in Form-V submitted regularly to PPCC, Puducherry and Integrated Regional Office of MoEF&CC at Chennai, Latest copy (ends Mar 2023) is attached at <b>Annexure 10</b> .

Present Status of Project: Project construction has been completed and operations have started. Copy of the same is attached at **Annexure 11**




**(Prabu Ananth B)**  
Authorized Signatory

Recd  
28-06-11  
M/T

GOVERNMENT OF PUDUCHERRY  
DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT  
PUDUCHERRY POLLUTION CONTROL COMMITTEE  
3<sup>rd</sup> Floor, PHB Building, Anna Nagar  
Puducherry – 605 005.  
\*\*\*

Phone : (0413) 2201256

Telefax : (0413) 2203494

NO OBJECTION CERTIFICATE FROM POLLUTION ANGLE

NO.PPCC/NOC/KKL/JLA/2011/730

Puducherry, the

12.3 JUN 2011

Sub : PPCC – Issue of NOC to handle one million metric tonnes of crude oil and petroleum products connecting M/s. Karaikal Port (P) Ltd., Berth No.1 and M/s. Chidambaranar Oil Jetty at Nagore – Issued – Reg.

Ref : 116<sup>th</sup> Meeting of PPCC held on 16.06.2011.  
\*\*\*

With reference to the above, it is informed that the proposal for issue of No Objection Certificate (NOC) from Pollution Angle to handle crude oil and petroleum products was discussed in the 116<sup>th</sup> Meeting of Puducherry Pollution Control Committee held on 16.06.2011. The Puducherry Pollution Control Committee has no objection in according clearance to **Handle one million metric tonnes of Crude Oil and Petroleum Products per annum connecting M/s. Karaikal Port (P) Ltd., Berth No. 1 and M/s. Chidambaranar Oil Jetty through pipeline** subject to the **following conditions:**

1. As per the project proposal only pipeline shall be laid connecting M/s. Karaikal Port (P) Ltd., Berth No. 1 and M/s. Chidambaranar Oil Jetty, Nagore for unloading crude oil and petroleum products.
2. There shall be no storage of crude oil and petroleum products inside M/s. Karaikal Port (P) Ltd premises.
3. There shall be no construction activities and the applicant shall not undertake any expansion, modernization, diversification, change of location, construction, storage etc., without the prior approval / clearance from this authority.
4. Coast Guard approved Oil Spill Contingency Plan shall be strictly adhered.
5. All the measures adopted in Oil Spill Risk Assessment (OSRA) and Environment Management Plan (EMP) shall be strictly adhered.
6. Pollution response equipments shall be readily available to tackle any emergency.
7. All the conditions stipulated in the clearance issued by Ministry of Environment and Forests, Government of India vide F. No. 11-35/2010-IA.III dated 25.10.2010 shall be strictly adhered.
8. M/s. Karaikal Port (P) Ltd., shall comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any fire hazard to human beings, other living creatures, plants and properties while handling hazardous substances.
9. M/s. Karaikal Port (P) Ltd., shall have regular mock drills for all personnel to be involved in transportation of crude oil and petroleum products in the pipe line by updating technical skill from time to time so as to control actual leakage of hazardous materials in the quickest possible time.
10. M/s. Karaikal Port (P) Ltd., shall apply in Form – I to obtain authorization under Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.
11. There shall be no emission or discharge of wastewater from the activities.

12. Noise level at the boundary shall not exceed 65 and 55 dB(A) during day and night time respectively.

13. The applicant shall take all possible measures to create pollution free surroundings.

**14. The applicant shall apply to this Committee in prescribed form for Air and Water Consent Order (To Operate) thirty (30) days before the commencement of activities.**

15. This No Objection Certificate (NOC) from Pollution Angle shall be exhibited in the office room and must be made available to the inspecting officers of this Committee.

For & on behalf of PPCC



<sup>1/2</sup> (Dr. S. SUNDARAVADIVELU)  
MEMBER SECRETARY

PUDUCHERRY POLLUTION CONTROL COMMITTEE

To

M/s. Karaikal Port Pvt. Ltd., Post Box No. 33, Karaikal - 609 602.

16/03 2020 11:35AM FAX 04368224900

ICGS, KARAIKAL

Telefax: 04368-226500  
Email : [cgs-kkl@indiancoastguard.nic.in](mailto:cgs-kkl@indiancoastguard.nic.in)  
Reply should be addressed to  
The Commanding Officer

**BHARATIYA TATRAKSHAK**  
**AVASTHAN KARAIKAL**  
ICGS Karaikal  
No.64, Bharathi Nagar,  
Karaikal – 609 604

731/7

16 Mar 2020

The Manager  
(Marine Operations)  
Karaikal Port Pvt Ltd  
Kheezhavanjoor Village  
TR Pattinam, PB No.33  
Karaikal-609606

**OIL SPILL CONTINGENCY PLAN – KARAIKAL PORT PVT LTD**

1. Refer to CGRHQ(E) letter 7604 dated 02 Mar 17 and this station letter 704/6 dated 17 Apr 17.
2. The revised Oil Spill Contingency Plan (OSCP) of Karaikal Port Pvt Ltd had been approved by competent Coast Guard authority w.e.f 02 Mar 17 for a period of five years.

Thanking you,

Yours faithfully,



(Praveen Kumar)  
Asst Commandant  
Station Ops Officer  
for Commanding Officer

**End.** As above

## OSR EQUIPMENT – AVAILABLE WITH KARAIKAL PORT

Sl. No.	Description	Quantity
1.	Air Inflatable Boom	250 M
2.	Air filled Light Oil Boom	500 meters
3.	Rigid Boom	500 M
4.	Sorbent Boom	200 M
5.	Sorbent Pads	1000 Nos
6.	OSD	600 Ltrs
7.	Skimmer	2 - 30 TPH
8.	Boom reel	01
9.	Power Pack with accessories	02
10.	Anchors & accessories for booms	as per set
11.	Oil Spill Dispersant	500 liters
12.	Reusable Adsorbents	For up to 1000 ltr absorption

## SAFETY / SHORELINE CLEANUP EQUIPMENTS AVAILABLE WITH KARAIKAL PORT

Sl. No.	Description	Quantity
1.	PCV hand gloves – small 14”	20
2.	PCV hand gloves – small 16”	20
3.	PCV hand gloves – small 18”	20
4.	Mops with handle	20
5.	Hand shovel with wooden handle	20
6.	Wheel Barrow	10
7.	Rake with handle	10
8.	Tarpaulin-standard size 30’ X 27’	4
9.	Gunny bags	50
10.	HDPE bags	50
11.	Safety Helmets	14
12.	Liquid Soap (in canes)	50 Ltrs
13.	Water Flask 20 Liters	02
14.	Saw Dust packed in gunny bags	100 Kgs
15.	Disposable Coveralls – Small	10
16.	Disposable Coveralls – Medium	20

17.	Disposable Coveralls – Large	20
18.	Disposable Coveralls – Extra Large	20
19.	Gum boot – Small	15
20.	Gum boot – Medium	15
21.	Gum boot – Large	15
22.	Plastic Buckets – 10 liters	15
23.	Plastic Buckets – 20 liters	15
24.	Plastic Mug – 1 liter	15
25.	Cotton Rag – in bags	100 Kg.
26.	Trolley	03
27.	Detergent Powder	25 Kg
28.	Work / Lift vests	06
29.	Disposable cups / glasses	200
30.	Plastic Chairs	6
31.	Folding Tables	2
32.	First Aid Kit	01 Set

KPPL/MAR/CG/2023-11

22<sup>nd</sup> Feb 2023

To  
The Commanding Officer  
Indian Coast Guard Station,  
Karaikal.

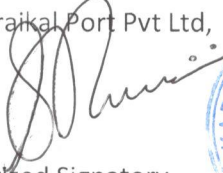
Sub: - Approval of Oil Spill Contingency Plan – Karaikal Port.

Sir,

In continuation with our letter no: KPPL/MAR/CG/2023-08, dtd, 10<sup>th</sup> Feb 2022, we hereby, submit our updated Oil Spill Contingency Plan (Soft Copy) for your vetting and approval.

Thanking You,

Yours Sincerely,  
For Karaikal Port Pvt Ltd,



Authorized Signatory,  
Port Operations Center.



**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

Karaikal Port Private Limited Sewage Treatment Plant Outlet Water Analysis Results 2023										
Sl.No	Test Parameters	Unit	Protocol	CPCB Limits (On Land for Irrigation)	19.04.2023	19.05.2023	23.06.2023	19.07.2023	21.08.2023	20.09.2023
					1	pH @ 25°C	-	IS: 3025 Part 11-1983 (Reaff:2017)	5.5 – 9.0	7.43
2	Total Suspended Solids	mg/l	IS: 3025 Part 17-1984 (Reaff:2017)	200 mg/l	28	61	44	26	28	62
3	Total Dissolved Solids	mg/l	IS: 3025 Part 16-1984 (Reaff:2017)	NS	1472	1612	1314	1086	1486	1346
4	Chloride as Cl	mg/l	IS: 3025 Part 32-1988 (Reaff:2019)	NS	597	582	515	496	480	455
5	Sulphate as SO <sub>4</sub>	mg/l	IS: 3025 Part 24 -1986(Reaff:2019)	NS	157	58	286	182	208	196
6	Oil & Grease	mg/l	IS: 3025 Part 39- 2021	10 mg/l	3	7	5	4	BDL	3
7	BOD @ 27°C for 3 days	mg/l	IS: 3025 Part 44-1993 (Reaff:2019)	100 mg/l	8	16	28	6	14	23
8	COD	mg/l	IS:3025 Part 58 - 2006 (Reaff:2017)	NS	57	96	170	35	72	124
9	Total Kjeldahl Nitrogen	mg/l	IS:3025 Part 34 - 1988 (Reaff:2019)	NS	5	5	11.47	17	6.66	6.93
10	Ammonical Nitrogen	mg/l	IS:3025 Part 34 – 1988 (Reaff:2019)	NS	4	3.9	7.94	15	5.33	5.36
11	Faecal Coliforms	MPN/100ml	APHA 23 <sup>rd</sup> Edn . 2017 : 9221 'E'	NS	280	43	220	84	170	170
<b>Note :</b> BDL - Below Detection Limit, DL - Detection Limit, NS - Not Specified, MPN - Most Probable Number.										





भारत सरकार  
GOVERNMENT OF INDIA  
विद्युत मंत्रालय  
MINISTRY OF POWER  
केन्द्रीय विद्युत प्राधिकरण  
CENTRAL ELECTRICITY AUTHORITY  
क्षेत्रीय निरीक्षक संगठन  
REGIONAL INSPECTORIAL ORGANISATION



ब्लाक IV तीसरी मंजिल, Block IV Floor III, शास्त्री भवन Shastri Bhavan, चेन्नै-६ Chennai - 600 006

No. 78 / K -58/11/2022-RIO(S)/4593-4594

Dated :29/11/2022

To

*The Authorized Signatory,  
M/s. Karaikal Port Private Limited,  
Kheezhavanjore Village,  
T.R. Pattinam,  
Karaikal – 609 606.*

Sub: Order under Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010.

Ref: Your Online Application No. C/2022/05325 dated 07.10.2022.

The existing electrical installations as per list enclosed (Annexure – 11 Pages) at M/s. Karaikal Port Private Limited, Kheezhavanjore Village, T.R. Pattinam, Karaikal were inspected under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010(as amended to date), by the undersigned on 19.11.2022, and the same appears to be generally in order.

The next Inspection is due before 18.11.2024.

(Lenin. B)

**Deputy Director &  
Electrical Inspector to the Govt. of India**

उप निदेशक / Deputy Director  
क्षेत्रीय निरीक्षण संगठन  
Regional Inspectorial Organisation  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
चेन्नै / Chennai-600 006.

**Copy to: -  
The Chief Engineer (CEI), CEA, New Delhi – 110 066**

## LIST OF EQUIPMENTS

SR. NO.	DESCRIPTION	QTY	UNIT
<b>SENDING END SWITCHYARD</b>			
1	METOVAR METAL OXIDE LIGHTNING ARRESTOR 96KV, 10KA, MODEL - ZAQ-96-SM, MAKE - OBLUM ELECTRICALS, HYDERABAD	6	NOS
2	110KV OUTDOOR OIL COOLED TYPE POTENTIAL TRANSFORMER, 50HZ, CORE 1 RATIO: 110KV/√3 / 110V/√3; CORE 2 RATIO: 110KV/√3 / 110V/√3, CORE 1 BURDEN: 100 VA; CORE 2 BURDEN: 100 VA, CORE 1 ACCURACY: 0.2; CORE 2 ACCURACY: 0.2, MAKE: MEHRU ELECTRICAL, BHIWADI, SL. NO. OP-4012/1/1/13 to OP-4012/1/3/13	3	NOS
3	110KV OUTDOOR OIL COOLED TYPE CAPACITIVE VOLTAGE TRANSFORMER, 50HZ, CORE 1 RATIO: 110KV/√3/110V/√3; CORE 2 RATIO: 110KV/√3/110V/√3, CORE 1 BURDEN: 100 VA; CORE 2 BURDEN: 100 VA, CORE 1 ACCURACY: 0.2; CORE 2 ACCURACY: 3P, MAKE: MEHRU ELECTRICAL, BHIWADI, SL. NO.OCVT-4012/3/1/13 TO 4012/3/3/13	3	NOS
4	110KV OUTDOOR OIL COOLED TYPE CURRENT TRANSFORMER, 40KA FOR 1SEC, CORE 1 RATIO: 125-250/1A; CORE 2 RATIO: 125-250/1A; CORE 3 RATIO: 125-250/1A CORE 1 BURDEN: VA; CORE 2 BURDEN: 20 VA, CORE 3 BURDEN: 20 VA CORE 1 ACCURACY: PS; CORE 2 ACCURACY: 5P; CORE 3 ACCURACY: 0.5 MAKE: MEHRU ELECTRICALS, BHIWADI, SL. NO. OC-4012/4/1/13 TO OC-4012/4/3/13	3	NOS
5	110KV OUTDOOR OIL COOLED TYPE CURRENT TRANSFORMER, 40KA FOR 1SEC, CORE 1 RATIO: 50-75-100/5A; CORE 2 RATIO: 50-75-100/5A, CORE 1 BURDEN: 20 VA; CORE 2 BURDEN: 20 VA, CORE 1 ACCURACY: 0.2s; CORE 2 ACCURACY: 0.2s, MAKE: MEHRU ELECTRICALS, BHIWADI, SL. NO. OC-4012/2/1/13 TO OC-4012/2/3/13	3	NOS
6	123KV, 1250A, 50HZ, 40KA FOR 1SEC, HORIZONTAL MOUNTED DOUBLE BREAK DISCONNECTOR WITH SINGLE EARTH SWITCH MOTORISED ISOLATOR, OUTDOOR TYPE, MAKE: S&S POWER SWITCHGEAR, CHENNAI, SL. NO. 001 & 002	2	SET
7	SF6 CIRCUIT BREAKER 145KV, 1250A, 50HZ, 40KA FOR 1 SEC, TYPE - GL312P, MAKE: AREVA	1	SET
8	CRP	1	SET
9	BATTERY CHARGER 48V, 3PHASE 4 WIRE, 415V, 50HZ, MAKE: HBL, 48TP 45FC & FCBC WITH DCDB, SL. NO. 10305-4623	1	SET
10	BATTERY CHARGER 110V, 3PHASE 4 WIRE, 415V, 50HZ, MAKE: HBL, 110TP 10FCBC + DVR, SL. NO. 10306-4623	1	SET
11	ACDB	1	SET
12	POWER AND CONTROL CABLES	1	LUMPSUM

### 110kV TOWER LINE

SR. NO.	DESCRIPTION	QTY	UNIT
1	110kV Over head EHV Transmission line	2.73	km

### RECEIVING END SWITCHYARD

SR. NO.	DESCRIPTION	QTY	UNIT
1	LIGHTNING ARRESTOR 96KV,10KA, CLASS 3, LAMCO HYDERABAD	6	NOS
2	POTENTIAL TRANSFORMER 110KV/110V, 100VA, CLASS 3P, 0.2, 2 CORE NEHRU ELECTRICAL RAJAST	6	NOS
3	20 MVA POWER TRANSFORMER 110 / 33 KV, ONAN, 22POSITIONS, YnYnO	1	NOS
4	110KV CURRENT TRANSFORMER, 200A/1A, 15VA ,CLASS 0.2, 2 CORE, NEHRU ELECTRICAL RAJASTA	6	NOS
5	110KV CURRENT TRANSFORMER, 100A/1A, 15VA ,CLASS 0.2, 4 CORE, NEHRU ELECTRICAL RAJASTA	3	NOS
6	110KV, 2500A, 40KA FOR 1SEC DOUBLE BREAK MOTORISED ISOLATOR, DBR TYPE SIEMENS HYDERA	4	SET
7	SF6 CIRCUIT BREAKER 110KV, 2500A, 40KA FOR 1 SEC, 3AP1FG SIEMENS AURANGABHAD	2	SET
9	BUS POST INSULATOR, 110KV SOLID CORE INSULATOR BHOPAL	12	NOS
10	TENSION STRING INSULATOR, 11KV DISKS OF 10NOS. /STRING WITH CREEPAGE 31mm/KV	9	NOS
12	BAY MARSHALING KIOSK	2	NOS
13	SWITCH YARD LIGHT FITTING FAULT RECTIFICATION AND LUX LEVEL CHECKING	1	Lot

14	IPS AL. TUBE - 4 INCH	220	MTR
15	33KV HT BOARD, TYPE:8BK80-3AH3 VCB,SIEMENS MAKE MUMBAI	1	NOS
16	400KVA, 33 / 0.433 KV DRY TYPE TRANSFORMER	1	NOS
17	MAIN LT PANEL	1	NOS
18	ACDB - 4 WAY	1	NOS
19	ACDB - 8 WAY	1	NOS
20	LDB - 6 WAY	1	NOS
21	LDB - 8 WAY	1	NOS
22	CONTROL AND RELAY PANEL, VEEVEE CONTROLS CRP 110/33KV	1	NOS
23	RTCC PANEL	1	NOS
24	BATTERY CHARGER WITH DCDB, 110V,200AH,CALDYNE AUTOMATICS LTD	1	NOS

### SUBSTATION 1

SR. NO.	DESCRIPTION	QTY	UNIT
1	33kv HT BOARD, TYPE:PIX36SWSD VCB, MAKE:AREVA	1	Set
a	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-7	1	Nos
b	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-8	1	Nos
c	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-1	1	Nos
d	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-10	1	Nos
e	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-2	1	Nos
f	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-3	1	Nos
g	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-9	1	Nos
h	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for Incomer Feeder, SI.NO:V-7505041126-5	1	Nos
2	11KkV, 26.2kA, 800A Vacuum Circuit Breaker, HWX Unit Panel, SI.NO:V-7505041126/04/31C	1	Nos
3	6.6kV HT BOARD, TYPE:HWX VCB & HWC VCU, MAKE:AREVA	1	Set
a	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/1C	1	Nos
b	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/4C	1	Nos
c	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/11C	1	Nos
d	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/12C	1	Nos
e	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/13C	1	Nos
f	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/14C	1	Nos
g	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/15C	1	Nos
h	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/16C	1	Nos
i	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/17C	1	Nos
j	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/18C	1	Nos
k	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/24C	1	Nos
l	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/29C	1	Nos
m	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/04/30C	1	Nos
n	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/2C	1	Nos
o	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/3C	1	Nos
p	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/5C	1	Nos
q	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/6C	1	Nos
r	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/7C	1	Nos
s	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/8C	1	Nos
t	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/9C	1	Nos
u	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/10C	1	Nos
v	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/19C	1	Nos
w	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/20C	1	Nos
x	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/21C	1	Nos
y	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/22C	1	Nos
z	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/23C	1	Nos
aa	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/25C	1	Nos
ab	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/26C	1	Nos
ac	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/27C	1	Nos
ad	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/04/28C	1	Nos
4	7.72kV, 2X558kVAR+1X279kVAR, Capacitor bank panel, Make:EPCOS, SI.NO:HT/11/100841/01, HT/	2	Set
5	415V PCC panel	1	Set
a	415V, 1600A, ACB, Make:Siemens, SI.NO:6641311115000, 6640311015001, 664131111504	3	Nos
b	415V, 1250A, ACB, Make:Siemens, SI.NO:6640311114017	1	Nos

c	415V, 630A, ACB, Make:Siemens, SI.NO:6640311114025, 6640311015005, 6640311015007	3	Nos
d	415V, 500A MCCB, Make:Siemens	1	Nos
e	415V, 315A MCCB, Make:Siemens	2	Nos
f	415V, 250A MCCB, Make:Siemens	1	Nos
g	415V, 125A MCCB, Make:Siemens	2	Nos
h	415V, 100A MCCB, Make:Siemens	1	Nos
i	415V, 63A MCCB, Make:Siemens	1	Nos
j	415V, 50A MCCB, Make:Siemens	1	Nos
k	415V, 32A MCCB, Make:Siemens	1	Nos
l	415V, 20A MCCB, Make:Siemens	15	Nos
m	8kW MCCB+C O/G	13	Nos
n	3kVA Control Transformer	2	Nos
o	Epmty feeder	12	Nos
6	415V MCC Panel	1	Set
a	415V, 630A, ACB, Make:Siemens, SI.NO:6640311007008	1	Nos
b	415V, 30kW DOL	4	Nos
c	415V, 30kW RDOL	1	Nos
d	415V, 22kW DOL	3	Nos
e	415V, 11kW DOL	4	Nos
F	415V, 5kW DOL	14	Nos
G	415V, 4.5kW DOL	4	Nos
H	415V, 2.2kW DOL	3	Nos
I	415V, 0.5kW DOL	8	Nos
J	3kVA Control Transformer	2	Nos
K	Empty Feeder	11	Nos
7	415V MLDB Panel	1	Set
a	415V, 1250A, ACB, Make:Siemens, SI.NO:6640311219004	1	Nos
b	415V, 42.6kW feeder	1	Nos
c	415V, 20kW feeder	1	Nos
d	415V, 17kW feeder	1	Nos
e	415V, 15kW feeder	2	Nos
f	415V, 14.14kW feeder	1	Nos
g	415V, 13.16kW feeder	1	Nos
h	415V, 12.88kW feeder	2	Nos
i	415V, 12.60kW feeder	1	Nos
j	415V, 10.00kW feeder	2	Nos
k	415V, 9.9kW feeder	1	Nos
l	415V, 9.8kW feeder	1	Nos
m	415V, 6.06kW feeder	1	Nos
n	415V, 5.52kW feeder	3	Nos
o	415V, 5.4kW feeder	1	Nos
p	Spare Feeder	12	Nos
8	ACDB Panel	1	Nos
9	AMF Panel, 415V, 1250A, ACB, MAKE:L&T, SI.NO:FU473857, FU473856	1	Set
10	625kVA DG Set	1	Nos
11	Control Distribution Board	11	Nos
12	Lighting Distribution Board	11	Nos
13	8000kVA, 33/6.6kV Transformer-1, Make:Voltamp, SI.NO:21796/2	1	Nos
14	8000kVA, 33/6.6kV Transformer-1, Make:Voltamp, SI.NO:21796/1	1	Nos
15	3000kVA, 33/11kV Transformer-1, Make:Voltamp, SI.NO:16927/1	1	Nos
16	1000kVA, 6.6/0.433kV Transformer-1, Make:Voltamp, SI.NO:16926/1	1	Nos
17	1000kVA, 6.6/0.433kV Transformer-1, Make:Voltamp, SI.NO:16926/4	1	Nos
18	Various Size & Length of HT & LT Cables	46510	Mtrs
19	PLC Panel, RIO Panel and Control desk (12+9)	1	Lot
20	2 X 20kVA UPS with Batteries and UPS DB's (8 nos)	1	Set
21	Battery Charger Panel with Batteries	1	Set
<b>SUBSTATION 2</b>			
SR. NO.	DESCRIPTION	QTY	UNIT
1	33kv HT BOARD, TYPE:PIX36SWSD VCB, MAKE:AREVA	1	Nos
a	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for 8000kVA TR Feeder, SI.NO:V-7505041126-4	1	Nos
b	33KkV, 26.2kA, 1200A Vacuum Circuit Breaker for 8000kVA TR Feeder, SI.NO:V-7505041126-6	1	Nos

2	6.6kV HT BOARD, TYPE:HWX VCB & HWC VCU, MAKE:AREVA	1	Set
a	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/7C	1	Nos
b	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/10C	1	Nos
c	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/13C	1	Nos
d	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/1C	1	Nos
e	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/5C	1	Nos
f	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/6C	1	Nos
g	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/8C	1	Nos
h	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/12C	1	Nos
i	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/14C	1	Nos
j	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/18C	1	Nos
k	6.6KkV, 26.2kA, 1250A Vacuum Circuit Breaker for Feeder, SI.NO:V-7505041126/05/19C	1	Nos
l	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/05/2C	1	Nos
m	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/05/3C	1	Nos
n	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/05/4C	1	Nos
o	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/05/15C	1	Nos
p	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/05/16C	1	Nos
q	6.6KkV, 26.2kA, 400A Vacuum Contactor for Feeder, SI.NO:V-7505041126/05/17C	1	Nos
3	Battery Charger Panel with Batteries	1	Set
4	7.72kV, 3X279kVAR, Capacitor bank panel, Make:EPCOS, SI.NO:HT/11/100839/01, HT/11/100839/02	1	Set
5	415V PCC panel	1	Set
a	415V, 1600A, ACB, Make:Siemens, SI.NO:6641311114020, 6641311015001, 6640311015000	3	Nos
b	415V, 1250A, ACB, Make:Siemens, SI.NO:6640311114018	1	Nos
c	415V, 630A, ACB, Make:Siemens, SI.NO:6640311205018, 6640311114020, 6640311114019, 6640311	4	Nos
d	415V, 500A MCCB, Make:Siemens	1	Nos
e	415V, 315A MCCB, Make:Siemens	2	Nos
f	415V, 250A MCCB, Make:Siemens	1	Nos
g	415V, 125A MCCB, Make:Siemens	2	Nos
h	415V, 100A MCCB, Make:Siemens	1	Nos
i	415V, 63A MCCB, Make:Siemens	1	Nos
j	415V, 50A MCCB, Make:Siemens	1	Nos
k	415V, 32A MCCB, Make:Siemens	1	Nos
l	415V, 20A MCCB, Make:Siemens	15	Nos
m	8kW MCCB+C O/G	13	Nos
n	3kVA Control Transformer	2	Nos
o	Epmty feeder	12	Nos
6	415V MCC panel	1	Set
a	415V, 630A, ACB, Make:Siemens, SI.NO:6640311007009	1	Nos
b	415V, 5kW DOL	12	Nos
c	415V, 4.5kW DOL	4	Nos
d	415V, 1.5kW DOL	7	Nos
e	415V, 0.5kW DOL	5	Nos
f	3kVA Control Transformer	2	Nos
g	Empty Feeder	4	Nos
7	415V MLDB Panel	1	Set
a	415V, 800A, ACB, Make:Siemens, SI.NO:6640311230042	1	Nos
b	415V, 20kW feeder	1	Nos
c	415V, 15kW feeder	1	Nos
d	415V, 10.5kW feeder	2	Nos
e	415V, 10kW feeder	8	Nos
f	415V, 9.8kW feeder	2	Nos
g	415V, 9.66kW feeder	2	Nos
h	415V, 5.0kW feeder	1	Nos
i	415V, 4.2kW feeder	2	Nos
j	415V, 4.14kW feeder	1	Nos
k	Spare Feeder	2	Nos
8	ACDB Panel	1	Nos
9	AMF Panel, 415V	1	Set
10	380kVA DG Set	1	Nos
11	8000kVA, 33/6.6kV Transformer-1, Make:Voltamp, SI.NO:21796/3	1	Nos
12	8000kVA, 33/6.6kV Transformer-1, Make:Voltamp, SI.NO:21796/4	1	Nos
13	1000kVA, 6.6/0.433kV Transformer-1, Make:Voltamp, SI.NO:16926/2	1	Nos

14	1000kVA, 6.6/0.433kV Transformer-1, Make:Voltamp, SI.NO:16926/3	1	Nos
15	Various Size & Length of HT & LT Cables	29606	Mtrs

### FIELD ELECTRICAL EQUIPMENTS

SR. NO.	DESCRIPTION	QTY	UNIT
1	HT MOTORS	19	Nos.
a	450kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660473/7	1	Nos.
b	450kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660473/4	1	Nos.
c	450kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660473/5	1	Nos.
d	450kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660473/6	1	Nos.
e	450kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660473/3	1	Nos.
f	450kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660473/2	1	Nos.
g	350kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660472/3	1	Nos.
h	350kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660472/1	1	Nos.
i	350kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660472/2	1	Nos.
j	300kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660471/5	1	Nos.
k	300kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660471/3	1	Nos.
l	300kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660471/7	1	Nos.
m	300kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660471/2	1	Nos.
n	300kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660471/6	1	Nos.
o	300kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660471/1	1	Nos.
p	230kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660470/2	1	Nos.
q	230kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660470/4	1	Nos.
r	230kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660470/1	1	Nos.
s	230kW, 6.6kV, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:3F660470/3	1	Nos.
2	LT MOTORS	18	Nos.
a	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0004	1	Nos.
b	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0008	1	Nos.
c	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0007	1	Nos.
d	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0009	1	Nos.
e	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0002	1	Nos.
f	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0003	1	Nos.
g	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0005	1	Nos.
h	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0001	1	Nos.
i	30kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:11562562A0006	1	Nos.
j	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0005	1	Nos.
k	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0008	1	Nos.
l	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0001	1	Nos.
m	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0007	1	Nos.
n	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0002	1	Nos.
o	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0003	1	Nos.
p	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0006	1	Nos.
q	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0009	1	Nos.
r	3.7kW, 415V, 3PH, 50HZ, IP55 Motor, Make:Marathon, SI.NO:10564228A0004	1	Nos.
3	20hp, 415V, 3PH, 50HZ, Sump Pump motor with Control Panel	2	Set
4	22kW, In-Line Magnetic Separator with control panel	2	Set
5	22kW, Suspended Magnet with Control Panel	2	Set
6	2.2kW, 415V, 50HZ, 3PH Motor with control Panel for Diverter Gate	4	Set
7	Motor for Scoop Coupling with Control Panel	19	Set
8	Local Control Panel for Shuttle conveyor	4	Set
9	Local Control Panel for Belt Feeder	2	Nos.
10	Local Control Panel for Reverseable Belt Feeder	2	Nos.
11	CDB and LDB Panel	22	Nos.
12	PLC Panel and RIO Panel (5nos.)	1	Set
13	10m <sup>3</sup> /h Pump with motor	2	Set
14	Control Panel for DFDS Pump	1	Set
15	1200m <sup>3</sup> Compressor with air dryer	2	Set
16	373 m <sup>3</sup> /h Pump with VFD motor	2	Set
17	132kW VFD Panel	2	Set
18	Power and Control Cable	1	Lot

### STACKER CUM RECLAIMER-1

SR. NO.	DESCRIPTION	QTY	UNIT
---------	-------------	-----	------

1	6.6kV, 630A, 40kA Load Break Switch	1	Nos.
2	6.6kV, 800A, 13.1kA HWX Vacuum Circuit Breaker SI.NO:	1	Nos.
3	433V, MCC Panel	1	Nos.
a	1600A ACB, Make:Schneider	1	Nos.
b	2.5-4A MPCB, Make:Schneider	4	Nos.
c	4-6.3A MPCB, Make:Schneider	21	Nos.
d	100A MCCB, Make:Schneider	2	Nos.
e	16A MPCB, Make:Schneider	1	Nos.
f	6-10A MPCB, Make:Schneider	1	Nos.
g	32A MCCB, Make:Schneider	7	Nos.
h	16A MCCB, Make:Schneider	2	Nos.
i	160A MCCB, Make:Schneider	2	Nos.
j	250A MCCB, Make:Schneider	1	Nos.
k	63A MCCB, Make:Schneider	1	Nos.
l	9-14A MPCB, Make:Schneider	1	Nos.
m	320A MCCB, Make:Schneider	3	Nos.
n	500A MCCB, Make:Schneider	1	Nos.
o	50A MCCB, Make:Schneider	3	Nos.
p	20-25A MPCB, Make:Schneider	1	Nos.
q	24-32A MPCB, Make:Schneider	1	Nos.
r	1.6-2.5A MPCB, Make:Schneider	1	Nos.
4	3kVA, 240V UPS	1	Nos.
5	VFD Drive, Make:Siemens	1	Nos.
6	Lubrication control Panel	1	Nos.
7	Dust Supersion system control Panel	1	Nos.
8	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032391002	1	Nos.
9	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:	1	Nos.
10	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032390004	1	Nos.
11	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032390001	1	Nos.
12	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032388002	1	Nos.
13	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032389003	1	Nos.
14	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032389001	1	Nos.
15	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032390002	1	Nos.
16	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032387002	1	Nos.
17	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/203237001	1	Nos.
18	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/20323891003	1	Nos.
19	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:	1	Nos.
20	0.37kW, 415V, 3PH, 50HZ Motor, Make:Siemens	12	Nos.
21	0.75kW, 415V, 3PH, 50HZ Motor, Make:Electro Adda, SI.NO:10112200522424	2	Nos.
22	2.2kW, 415V, 3PH, 50HZ Motor, Make:Grundfos	2	Nos.
23	1.5kW, 415V, 3PH, 50HZ Motor, Make:Bharat Bijilee, SI.NO:N1137089, K1138165	2	Nos.
24	3.3kW, 415V, 3PH, 50HZ Motor, Make:Cavotec, SI.NO:D13451	1	Nos.
25	1.1kW, 415V, 3PH, 50HZ Motor, Make:Cavotec, SI.NO:D13455	1	Nos.
26	5.1kW, 415V, 3PH, 50HZ Motor, Make:oLAER, SI.NO:20805960407	1	Nos.
27	200kW,415V, 3PH, 50HZ Motor, Make:Siemens, SI.NO:UC1103/082883401	1	Nos.
28	3kW,415V, 3PH, 50HZ Motor, Make:ABB, SI.NO:3GE110510P871001	1	Nos.
29	22kW,415V, 3PH, 50HZ Motor, Make:Siemens, SI.NO:SDF/1102299856	1	Nos.
30	0.75kW,415V, 3PH, 50HZ Motor, Make:LHP, SI.NO:1000214356	1	Nos.
31	11kW,415V, 3PH, 50HZ Motor, Make:Siemens, SI.NO:SDF/12032430448	1	Nos.
32	1.1kW,415V, 3PH, 50HZ Motor, Make:LHP, SI.NO:SDF/11042322540	1	Nos.
33	200kW,415V, 3PH, 50HZ Motor, Make:Marathon, SI.NO:115620880003	1	Nos.
34	0.56kW,415V, 3PH, 50HZ Motor, Make:Emco, SI.NO:110102-2/3	1	Nos.
35	200kW,415V, 3PH, 50HZ Motor, Make:Marathon, SI.NO:115620880004	1	Nos.
36	0.56kW,415V, 3PH, 50HZ Motor, Make:Emco	1	Nos.
37	1000kVA, 6.6/0.433kV Transformer, Make:Voltamp, SI.NO:	1	Nos.
38	Control and Power Cable	1	Lot

### STACKER CUM RECLAIMER-2

SR. NO.	DESCRIPTION	QTY	UNIT
1	6.6kV, 630A, 40kA Load Break Switch	1	Nos.
2	6.6kV, 800A, 13.1kA HWX Vacuum Circuit Breaker SI.NO:	1	Nos.
3	433V, MCC Panel	1	Nos.

a	1600A ACB, Make:Schneider	1	Nos.
b	2.5-4A MPCB, Make:Schneider	4	Nos.
c	4-6.3A MPCB, Make:Schneider	21	Nos.
d	100A MCCB, Make:Schneider	2	Nos.
e	16A MPCB, Make:Schneider	1	Nos.
f	6-10A MPCB, Make:Schneider	1	Nos.
g	32A MCCB, Make:Schneider	7	Nos.
h	16A MCCB, Make:Schneider	2	Nos.
i	160A MCCB, Make:Schneider	2	Nos.
j	250A MCCB, Make:Schneider	1	Nos.
k	63A MCCB, Make:Schneider	1	Nos.
l	9-14A MPCB, Make:Schneider	1	Nos.
m	320A MCCB, Make:Schneider	3	Nos.
n	500A MCCB, Make:Schneider	1	Nos.
o	50A MCCB, Make:Schneider	3	Nos.
p	20-25A MPCB, Make:Schneider	1	Nos.
q	24-32A MPCB, Make:Schneider	1	Nos.
r	1.6-2.5A MPCB, Make:Schneider	1	Nos.
4	3kVA, 240V UPS	1	Nos.
5	VFD Drive, Make:Siemens	1	Nos.
6	Lubrication control Panel	1	Nos.
7	Dust Supersion system control Panel	1	Nos.
8	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032391001	1	Nos.
9	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032387003	1	Nos.
10	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032388004	1	Nos.
11	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032391004	1	Nos.
12	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032389002	1	Nos.
13	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032389001	1	Nos.
14	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032389005	1	Nos.
15	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032391003	1	Nos.
16	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032389004	1	Nos.
17	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032387004	1	Nos.
18	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032388005	1	Nos.
19	11kW, 3PH, 50HZ Motor, Make:Siemens, SI.NO:FDU1012/2032387005	1	Nos.
20	0.37kW, 415V, 3PH, 50HZ Motor, Make:Siemens	12	Nos.
21	0.75kW, 415V, 3PH, 50HZ Motor, Make:Electro Adda, SI.NO:1010-0522304, 1010-0522314	2	Nos.
22	2.2kW, 415V, 3PH, 50HZ Motor, Make:Grundfos	2	Nos.
23	1.5kW, 415V, 3PH, 50HZ Motor, Make:Bharat Bijilee, SI.NO:N1134199, N1137086	2	Nos.
24	3.3kW, 415V, 3PH, 50HZ Motor, Make:Cavotec, SI.NO:D13452	1	Nos.
25	1.1kW, 415V, 3PH, 50HZ Motor, Make:Cavotec, SI.NO:D13456	1	Nos.
26	5.1kW, 415V, 3PH, 50HZ Motor, Make:oLAER, SI.NO:	1	Nos.
27	200kW, 415V, 3PH, 50HZ Motor, Make:Siemens, SI.NO:UC1103/082883402	1	Nos.
28	3kW, 415V, 3PH, 50HZ Motor, Make:ABB, SI.NO:3GE110510P9651002	1	Nos.
29	22kW, 415V, 3PH, 50HZ Motor, Make:Siemens, SI.NO:SDF/11072346920	1	Nos.
30	0.75kW, 415V, 3PH, 50HZ Motor, Make:LHP,	1	Nos.
31	11kW, 415V, 3PH, 50HZ Motor, Make:Siemens, SI.NO:SDF/12032430449	1	Nos.
32	1.1kW, 415V, 3PH, 50HZ Motor, Make:LHP, SI.NO:1EA090-4YA86	1	Nos.
33	200kW, 415V, 3PH, 50HZ Motor, Make:Marathon, SI.NO:115620880001	1	Nos.
34	0.56kW, 415V, 3PH, 50HZ Motor, Make:Emco, SI.NO:110102-2/1	1	Nos.
35	200kW, 415V, 3PH, 50HZ Motor, Make:Marathon, SI.NO:115620880002	1	Nos.
36	0.56kW, 415V, 3PH, 50HZ Motor, Make:Emco	1	Nos.
37	1000kVA, 6.6/0.433kV Transformer, Make:Voltamp, SI.NO:	1	Nos.
38	Control and Power Cable	1	Lot

### WAGON LOADING STATION

SR. NO.	DESCRIPTION	QTY	UNIT
1	415V, MCC Panel	1	Nos.
a	415V, 400A Incomer MCCB Feeder	1	Nos.
b	3kVA, 415/230V Control Transformer	1	Nos.
c	45kW DOL Feeder for HYD Powerpack	2	Nos.
d	0.75kW DOL Feeder for Oil Cooler Pump	2	Nos.
e	0.37kW DOL Feeder for Oil Cooler Fan	2	Nos.



f	2.2kW DOL Feeder for Oil Filter	2	Nos.
g	7.5kW DOL Feeder for Compresor	2	Nos.
h	3.7kW SFU Feeder for Compresor	2	Nos.
i	5.5kW DOL Feeder for Bag Filter	2	Nos.
j	0.5kW DOL Feeder for Rotary Air lock	2	Nos.
k	22kW SFU Feeder for Pasenger lift	1	Nos.
l	32A SFU Feeder for Pasenger lift	4	Nos.
2	45kW, 3PH, 50HZ Motor	2	Nos.
3	0.75kW, 3PH, 50HZ Motor	1	Nos.
4	0.37kW, 3PH, 50HZ Motor	1	Nos.
5	2.2kW, 3PH, 50HZ Motor	1	Nos.
6	7.5kW, 3PH, 50HZ Motor	1	Nos.
7	3.7kW, 3PH, 50HZ Motor	1	Nos.
8	5.5kW, 3PH, 50HZ Motor	2	Nos.
9	0.5kW, 3PH, 50HZ Motor	1	Nos.
10	Control Desk and PLC Panels	2	Nos.
11	Lighting Distribution board	3	Nos.
12	Control and Power Cable	1	Lot

### TRUCK LOADING STATION

SR. NO.	DESCRIPTION	QTY	UNIT
1	415V, MCC Panel	1	Nos.
a	415V, 400A Incomer MCCB Feeder	1	Nos.
b	3kVA, 415/230V Control Transformer	1	Nos.
c	30kW DOL Feeder for HYD Powerpack	2	Nos.
d	0.75kW DOL Feeder for Oil Cooler Pump	1	Nos.
e	0.37kW DOL Feeder for Oil Cooler Fan	1	Nos.
f	2.2kW DOL Feeder for Oil Filter	1	Nos.
g	5.5kW DOL Feeder for Compresor	1	Nos.
h	2.2kW SFU Feeder for Hoist	1	Nos.
i	5.5kW DOL Feeder for Bag Filter	3	Nos.
j	0.5kW DOL Feeder for Rotary Air lock	3	Nos.
k	2.2kW DOL Feeder for Divertor Gate	2	Nos.
l	32A SFU Feeder	4	Nos.
2	30kW, 3PH, 50HZ Motor	2	Nos.
3	0.75kW, 3PH, 50HZ Motor	1	Nos.
4	0.37kW, 3PH, 50HZ Motor	1	Nos.
5	2.2kW, 3PH, 50HZ Motor	2	Nos.
6	5.5kW, 3PH, 50HZ Motor	1	Nos.
7	2.2kW, 3PH, 50HZ Motor	1	Nos.
8	5.5kW, 3PH, 50HZ Motor	2	Nos.
9	0.5kW, 3PH, 50HZ Motor	3	Nos.
10	Lighting Distribution board	3	Nos.
11	Control Desk and PLC Panels	4	Nos.
12	Control and Power Cable	1	Lot

### SHIP UNLOADER-1

SR. NO.	DESCRIPTION	QTY	UNIT
1	630 KW, 690 V, VFD Motor, Make:ABB, SI.NO:2011070/4	1	Nos.
2	630 KW, 690 V, VFD Motor, Make:ABB, SI.NO:2011070/1	1	Nos.
3	250 KW, 690 V, VFD Motor, Make:ABB, SI.NO:90033246	1	Nos.
4	132 KW, 690 V, VFD Motor, Make:ABB, SI.NO:90033248	1	Nos.
5	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 003	1	Nos.
6	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040682 004	1	Nos.
7	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040682 003	1	Nos.
8	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587 004	1	Nos.
9	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040682 005	1	Nos.
10	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040585 004	1	Nos.
11	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 002	1	Nos.
12	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 005	1	Nos.
13	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 004	1	Nos.
14	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040588 001	1	Nos.
15	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040585 006	1	Nos.

16	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587 003	1	Nos.
17	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587 009	1	Nos.
18	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040682 008	1	Nos.
19	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040585 001	1	Nos.
20	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 008	1	Nos.
21	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 009	1	Nos.
22	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587 001	1	Nos.
23	37 KW, 415 V, Motor, Make:ABB, SI.NO:807900	1	Nos.
24	45 KW, 415 V, VFD Motor, Make:ABB, SI.NO:809381	1	Nos.
25	5.5 KW, 415 V, Motor, Make:ABB, SI.NO:786574	1	Nos.
26	5.5 KW, 415 V, Motor, Make:ABB, SI.NO:786571	1	Nos.
27	22 KW, 415 V, Motor, Make:Bharat Bijlee, SI.NO:L 1106501	1	Nos.
28	1.5 KW, 415 V, Motor, Make:Bharat Bijlee, SI.NO:T 1105496	1	Nos.
29	0.37 KW, 415 V, Motor, Make:ABB, SI.NO:8 . 420764	1	Nos.
30	2.0 KW, 415 V, Motor, Make:Cavotec, SI.NO:D13390	1	Nos.
31	3.7 KW, 415 V, Motor, Make:Cavotec, SI.NO:D13387	1	Nos.
32	4.0 KW, 415 V, Motor, Make:Siemens, SI.NO:FDU1104/2049602001	1	Nos.
33	4.0 KW, 415 V, Motor, Make:Siemens, SI.NO:FDU1104/2049602004	1	Nos.
34	30KW, 415 V, Motor, Make:Chicago Pneumatic, SI.NO:1000206292	1	Nos.
35	30KW, 415 V, Motor, Make:Chicago Pneumatic, SI.NO:1000213691	1	Nos.
36	3000kVA, 6.6/690kV Distribution Transformer Voltamp, SI.NO:18846/2	1	Nos.
37	850kVA, 690/433kV Distribution Transformer Voltamp, SI.NO:18847/1	1	Nos.
38	250kVA, 433/690kV Distribution Transformer Voltamp, SI.NO:18848/1	1	Nos.
39	6.6kV HT Panel, MAKE:Megawin switchgear, SI.NO:111556/8668	1	Nos.
40	0.690kV, PCC Panel	1	Set
a	0.690kV,Outgoing ACB feeder, SI.NO:6641310621030, 6641310621020, 6640300606020, 6640310610	4	Nos.
41	0.433kV, MCC Panel	1	Set
a	0.433kV,Incoming ACB feeder, SI.NO:6640310603003	2	Nos.
b	0.433kV,Outgoing ACB feeder for VFD	37	Nos.
c	0.433kV,VFD feeder	1	Nos.
42	690V Multi drive VFD Panel	1	Set
43	433V VFD Panel	1	Set
44	PLC Panel and Control desk	6	Nos.
45	UPS with Battery set	1	Set
46	Load break switch Panel	1	Nos.
47	HT, Power and Control Cable	1	Lot

### SHIP UNLOADER-2

SR. NO.	DESCRIPTION	QTY	UNIT
1	630 KW, 690 V, VFD Motor, Make:ABB, SI.NO:2011070/3	1	Nos.
2	630 KW, 690 V, VFD Motor, Make:ABB, SI.NO:2011070/2	1	Nos.
3	250 KW, 690 V, VFD Motor, Make:ABB, SI.NO:90033247	1	Nos.
4	132 KW, 690 V, VFD Motor, Make:ABB, SI.NO:90033249	1	Nos.
5	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/20405885002	1	Nos.
6	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040682001	1	Nos.
7	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587005	1	Nos.
8	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040682009	1	Nos.
9	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040682 007	1	Nos.
10	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040585 009	1	Nos.
11	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 007	1	Nos.
12	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040585008	1	Nos.
13	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040585005	1	Nos.
14	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040582006	1	Nos.
15	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040585 003	1	Nos.
16	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587 008	1	Nos.
17	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587 006	1	Nos.
18	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040687002	1	Nos.
19	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586001	1	Nos.
20	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040586 006	1	Nos.
21	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587007	1	Nos.
22	15 KW, 415 V, VFD Motor, Make:ABB, SI.NO:FDU1103/2040587 002	1	Nos.
23	37 KW, 415 V, Motor, Make:ABB, SI.NO:807901	1	Nos.

24	45 KW, 415 V, VFD Motor, Make:ABB, SI.NO:809380	1	Nos.
25	5.5 KW, 415 V, Motor, Make:ABB, SI.NO:586572	1	Nos.
26	5.5 KW, 415 V, Motor, Make:ABB, SI.NO:586575	1	Nos.
27	22 KW, 415 V, Motor, Make:Bharat Bijlee, SI.NO:21106502	1	Nos.
28	1.5 KW, 415 V, Motor, Make:Bharat Bijlee, SI.NO:T 1105497	1	Nos.
29	0.37 KW, 415 V, Motor, Make:ABB, SI.NO:8 . 420765	1	Nos.
30	2.0 KW, 415 V, Motor, Make:Cavotec, SI.NO:D13392	1	Nos.
31	3.7 KW, 415 V, Motor, Make:Cavotec, SI.NO:D13386	1	Nos.
32	4.0 KW, 415 V, Motor, Make:Siemens, SI.NO:FDU1104/2049602002	1	Nos.
33	4.0 KW, 415 V, Motor, Make:Siemens, SI.NO:FDU1104/2049602003	1	Nos.
34	30KW, 415 V, Motor, Make:Chicago Pneumatic, SI.NO:1000206293	1	Nos.
35	30KW, 415 V, Motor, Make:Chicago Pneumatic, SI.NO:1000213694	1	Nos.
36	3000kVA, 6.6/.690kV Distribution Transformer Voltamp, SI.NO:18846/1	1	Nos
37	850kVA, .690/.433kV Distribution Transformer Voltamp, SI.NO:18847/2	1	Nos
38	250kVA, .433/.690kV Distribution Transformer Voltamp, SI.NO:18848/2	1	Nos
39	6.6kV HT Panel, MAKE:Megawin switchgear, SI.NO:111557/8668	1	Nos
40	0.690kV, PCC Panel	1	Set
a	0.690kV,Outgoing ACB feeder, SI.NO:6641310622002, 6641310621021, 6640310606016, 6640310610	4	Nos.
41	0.433kV, MCC Panel	1	Set
a	0.433kV,Incoming ACB feeder, SI.NO:6640310603002	2	Nos.
b	0.433kV,Outgoing ACB feeder for VFD	37	Nos.
c	0.433kV,VFD feeder	1	Nos.
42	690V Multi drive VFD Panel BB41158751	1	Set
43	433V VFD Panel	1	Set
44	PLC Panel and Control desk	6	Nos
45	UPS with Battery set	1	Set
46	Load break switch Panel	1	Nos.
47	HT, Power and Control Cable	1	Lot

### PHASE-1

SR. NO.	DESCRIPTION	QTY	UNIT
01	"Kirloskar" make 11KV HT VCB Incomer Panel from DP Structure-Rating 630A, 11KV, 50HZ, SI.No.:0901VH056	01	No.
02	11KV "Kirloskar" make HT Nine VCB Compartmentalised Panel Comprising one no. Buscoupler interlocked with incomer, electromechanical, castal key arrangement, with section asunder:-	01	Set
2.A	A.11KV VCB Incomer Panel from AVR, Rating 630A, 11KV, 50HZ., SI.No. :0901VH050		
2.B	B.11KV VCB RING MAIN-1 Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH053		
2.C	C.11KV VCB RING MAIN-2 Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH054		
2.D	D.11KV VCB TRANSFORMER-4 Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH059		
2.E	E.11KV VCB TRANSFORMER-3 Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH052		
2.F	F.11KV VCB TRANSFORMER-2 Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH055		
2.G	G.11KV VCB TRANSFORMER-1 Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH058		
2.H	H.11KV VCB Spare Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH057		
2.I	I.11KV VCB Bus Coupler Panel, Rating 630A, 11KV, 50HZ., SI.No. :0901VH051		
03	4 MVA, 3 phase, 50HZ, Oil cooled indoor type"RECON" make AUTOMATIC VOLTAGE REGULATOR (AVR) SI.No. : 1518/2/09. BUCK/BOOST Transforme SI.No.:1518/2/09-C, Step Up / Step down Transformer SI.No.:1518/2/09/-A and Reversing Q Panel.	01	Set
04	630 KVA, 11KV/433V "VOLTAMP" make Casr Resin Dry Type Transformer No. 1-SI.No.: 18113/3	01	Set
05	630 KVA, 11KV/433V "VOLTAMP" make Casr Resin Dry Type Transformer No. 2-SI.No.: 18113/2	01	Set
06	630 KVA, 11KV/433V "VOLTAMP" make Casr Resin Dry Type Transformer No. 3-SI.No.: 18113/1	01	Set
07	630 KVA, 11KV/433V "VOLTAMP" make Casr Resin Dry Type Transformer No. 4-SI.No.: 18113/4	01	Set
08	3 core, 120 Sqmm Aluminium Armoured XLPE 11KV Cable of "Polycab" make-from 11KV VCB Panel to Transformer No.1 Primary (one run), - from 11KV VCB Panel to Transformer No.2 Primary (one run), from 11KV VCB Panel to Transformer No.3 Primary (one run), from 11KV VCB Panel to Transformer No.4 Primary (one run)- totally four runs.	04	Runs

09	3 core, 120 Sqmm Aluminium Armoured XLPE 11KV Cable of "Polycab" make-from EB supply source two pole structure to 11KV two pole structure at customer end (one run), From 11KV Two pole structure at customer end to Feeder Pillar No.1 near railway crossing (One run), From feeder Pillar No.1 to Feeder Pillar No.2 underneath the railway line through 300mm dia RCC Hume Pipe (One run) and Feeder Pillar No.2 to Substation main incomer 11KV Single VCB Panel (One run)- Totally four runs.	04	Runs
10	3 core, 120 Sqmm Aluminium Armoured XLPE 11KV Cable of "Polycab" make-from HT Single VCB Incomer Panel to AVR (One run), from AVR to HT nine VCB Panel incomer (One run) and from Step UP/Step Down Transformer of AVR to Buck/Boost Transformer of AVR - Totally three runs.	03	Runs
11	Kirloskar Green make 500KVA DG set No.1 Rating:500KVA / 400KW, 415V incorporating KIRLOSKAR OIL ENGINES LTD. (KOEL) make Engine SI.No. : KV0.5003 / 0800304 and kirloskar Electric Co. (KEC) make Alternator SI.No. : 0902D1311 / Machine No. : IS3 M1 08L 63113	01	No.
12	Kirloskar Green make 500KVA DG set No.2 Rating:500KVA / 400KW, 415V incorporating KIRLOSKAR OIL ENGINES LTD. (KOEL) make Engine SI.No. : KV0.5003 / 0800305 and kirloskar Electric Co. (KEC) make Alternator SI.No. : 0902D1310 / Machine No. : IS3 M1 09A 64836	01	No.
13	11 KV 2 Pole Structure with single arm AB switch with H.G.Fuse	01	No.
14	3750A, 433V MV Panel of "Square Automation" make consisting of 17 nos. 4 Pole L&T make ACBs for outgoing.	01	Set
15	300 KVAR APFC Panel with 5 X 50 KVAR & 2 X 25 KVAR capacitor bank	02	Nos.
16	PDB - 1 : 2 nos. 1000A 4 pole ACBs, 1no. 400A 4 Pole MCCB & 1No.250A, 4 Pole MCCB	01	No.
17	PDB - 2 : 1 no. 250A 4 pole MCCB, 1no. 150A 4 Pole MCCB & 3Nos. 100A, 4 Pole MCCB	01	No.
18	PDB - 3 : 2 nos 800A 4 pole ACBs, 1no. 150A 4 Pole MCCB & 4Nos. 100A, 4 Pole MCCB	01	No.
19	PDB - 4 : 1 no. 800A 4 pole ACB, 1no. 300A 4 Pole MCCB & 3Nos. 100A, 4 Pole MCCB	01	No.
20	PDB - 5 : 1 no. 250A 4 pole MCCB, 1no. 150A 4 Pole MCCB & 1No.100A, 4 Pole MCCB	01	No.
21	PDB - 6 : 1 no. 150A 4 pole MCCB, 1no. 100A 4 Pole MCCB & 4Nos.63A, 4 Pole MCBs	01	No.
22	PDB - 7 : 1 no. 150A 4 pole MCCB, 1no. 100A 4 Pole MCCB & 4Nos.63A, 4 Pole MCBs	01	No.
23	LDB - 1 : 1 no. 300A 4 pole MCCB, 1no. 250A 4 Pole MCCB & 1No.200A, 4 Pole MCCB	01	No.
24	LDB - 2 : 1 no. 200A 4 pole MCCB, 1no. 150A 4 Pole MCCB & 5Nos.63A, 4 Pole MCBs	01	No.
25	LDB - 3 : 1 no. 150A 4 pole MCCB, 1no. 100A 4 Pole MCCB & 3Nos.63A, 4 Pole MCBs	01	No.
26	LDB - 4 : 1 no. 100A 4 pole MCCB, 5nos. 63A 4 Pole MCBs & 2Nos.32A, 4 Pole MCBs	01	No.
27	LDB - 5 : 1 no. 250A 4 pole MCCB, 1no. 200A 4 Pole MCCB & 1No.63A, 4 Pole MCB	01	No.
28	LDB - 6 : 1 no. 100A 4 pole MCCB, 3nos. 63A 4 Pole MCBs & 2Nos.40A, 4 Pole MCBs	01	No.
29	LDB - 7 : 2 nos. 100A 4 pole MCCBs, 3nos. 63A 4 Pole MCBs & 2Nos.40A, 4 Pole MCBs	01	No.
30	LDB - 8 : 1 no. 150A 4 pole MCCB, 3nos. 63A 4 Pole MCBs & 2Nos.40A, 4 Pole MCBs	01	No.
31	LDB - 9 : 1 no. 100A 4 pole MCCB, 3nos. 63A 4 Pole MCBs & 2Nos.40A, 4 Pole MCBs	01	No.
32	LDB - 10 : 1 no. 100A 4 pole MCCB, 2nos. 63A 4 Pole MCBs & 2Nos.40A, 4 Pole MCBs	01	No.
33	LDB - 11 : 1 no. 63A 4 pole MCB, 4nos. 32A 4 Pole MCBs	01	No.
34	LDB - 12 : 1 no. 800A 4 pole ACB, 4nos. 200A 4 Pole MCCBs, 2Nos. 100A, 4 Pole MCCBs & 4 nos. 63A, 4 Pole MCBs	01	No.
35	LDB - 13 : 1 no. 200A 4 pole MCCB, 2nos. 100A 4 Pole MCCBs & 4Nos.63A, 4 Pole MCB	01	No.
36	LDB - 14 : 1 no. 200A 4 pole MCCB, 2nos. 100A 4 Pole MCCBs & 4Nos.63A, 4 Pole MCB	01	No.
37	Switch Tripping system incorporating Batteries of 30V rating & 50AH Capacity and Battery Charger	01	No.
38	20mtr High Mast Tower	04	No.
39	30mtr High Mast Tower	26	No.
40	40mtr High Mast Tower	16	No.
41	3.5C, 400 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
42	3.5C, 300 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
43	3.5C, 185 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
44	3.5C, 120 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
45	3.5C, 95 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
46	3.5C, 70 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
47	3.5C, 50 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
48	3.5C, 35 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
49	3.5C, 25 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
50	4C, 16 Sqmm Aluminium Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
51	4C, 6 Sqmm Copper Armoured XLPE LT Cable of "POLYCAB" make	01	Lot
52	4C, 4 Sqmm Copper Armoured XLPE LT Cable of "POLYCAB" make	01	Lot



By Registered Post with Acknowledgement Due  
(This document contains 07 (Seven) Pages)

**AIR CONSENT ORDER (RENEWAL)**

Ref. : No. (R19KAR654931)/(2022) / 731

Date : 09 JUN 2022

Sub : Puducherry Pollution Control Committee - M/s. **Karaikal Port Private Limited** - Air Consent Order (Renewal), under Section 21 of The Air (Prevention and Control of Pollution) Act, 1981, as amended - Issued - Reg.

Ref: R19KAR654931 dated 29/11/2021 of **Capt. Vijay Nicodemus Venkataramanan B**

\*\*\*\*\*

Consent to Operate is hereby **renewed** under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended (hereinafter referred to as 'The Act') and the Rules and Orders made there under for emission / continuation of emission to **Capt. Vijay Nicodemus Venkataramanan B, The Chief Operating Officer, M/s. Karaikal Port Private Limited, Keezhavanjore Village, T.R.Pattinam Commune, Karaikal.**

**CATEGORY : RED      SIZE : LARGE      LOCATION : MIXED      AREA : 602 ACRES**

(hereinafter referred to as 'The Applicant') authorizing them to **Operate the industry, @ Keezhavanjore Village, T. R. Pattinam Commune, Karaikal,** subject to following special and general conditions:

**Validity of the Consent :**

(i) This Consent order is valid upto 31.03.2026.

(ii) The Project Proponent shall apply for obtaining Renewal of this Air Consent Order (Renewal), before Sixty (60) days of the expiry of the same, as imposed in (i) above, via [www.ponocmms.nic.in](http://www.ponocmms.nic.in), duly filled in, remitting Consent Fees and uploading relevant and required documents, as per prevailing orders. No other mode of application shall be entertained.



Member Secretary

**MEMBER SECRETARY  
PUDUCHERRY POLLUTION  
CONTROL COMMITTEE  
PUDUCHERRY.**

To,

Capt. Vijay Nicodemus Venkataramanan B, The Chief Operating Officer, M/s. Karaikal Port Private Limited, Keezhavanjore Village, T.R.Pattinam Commune, Karaikal - 609 606.

Copy to :

1. The Assistant Director, Department of Industries and Commerce, Rural Industrial Estate, Kottucherry Commune, Karaikal - 609 609.
2. The Commissioner, T.R.Pattinam Commune Panchayat, T.R.Pattinam, Karaikal - 606 606.
3. Standing Guard File.

*h*

Received on 06/06/2022  
*h*

**SPECIAL CONDITIONS**

1. Notwithstanding anything contained in any other Act or Rules or Notifications this clearance is given from pollution angle only.
2. **Details of the Cargoes permitted to be handled :** Multi - purpose port, permitted to handle different types of cargo, in MMTPA, as mentioned below :

<b>Column 1</b> <b>Dry Bulk Cargoes</b>	<b>Column 2</b> <b>Break Bulk / General Cargoes – 3.5 MMTPA</b>	<b>Column 3</b> <b>Liquid Cargoes</b>
Coal – <b>10.0 MMTPA</b>	Textiles	Edible Oil – <b>0.5 MMTPA</b>
* Fertilizers	Machinery	**Crude Oil & Other Petroleum Products – <b>1.0 MMTPA</b>
* Clay	Timber	** LNG (To be handled by M/s. AGP Karaikal LNG Pvt. Ltd., <b>1.0 MMTPA</b> )
* Iron Ore	Steel	
* Gypsum	Containers	
* Limestone	Granite	
* Dolomite	Marble Slabs	
* Aggregates	Fertilizers in Bags	
*Agro Products such as, Corn, Wheat, Sugar, Red Chillies, Wood Chips.	Agro Products such as, Corn, Wheat, Red Chillies etc., (in Bags only)	
* Clinker	Wood Chips	
Cement in Bulk (Handled by M/s. Penna Cement Industries Ltd.,) – <b>0.5 MMTPA</b>	Cement (in Bags)	
Sand – <b>1.0 MMTPA</b>	Salt	

**Note :**

- (i) The Total Capacity of the Cargoes permitted to be handled by this Committee is only **17.5 MMTPA**, as imposed above, as against the Total Capacity of the Cargoes permitted to be handled by the MoEF&CC, viz., 21.5 MMTPA.
- (ii) The above table is in accordance with the EC Amendment issued by the MoEF&CC, vide No. 10-42/2009-IA.III dated 05.08.2021, except Items marked **\*\*** in the Column No. 3, above.
- (iii) Items marked **\*** in the Column 1 of the above table and the items mentioned in the Column 2 of the same, collectively shall be handled upto **3.5 MMTPA** only.
- (iv) Items marked **\*\*** in the Column 3 of the above table has been classified as Liquid Cargoes in the Table at Page No. 37, of the EIA Guidance Manual, prepared by the Administrative Staff College, Hyderabad, for MoEF&CC, New Delhi.

3. The applicant shall erect the chimney(s)/stack(s) of the following specifications:

<b>S.No.</b>	<b>Chimney / Stack attached to</b>	<b>Height of the stack in metre</b>	<b>Diameter, m</b>	<b>Volume Nm<sup>3</sup>/hr</b>
1	Stack 1 - DG Set 1 - 500 KVA (Manufacturing Year 2008)	8	0.15	853
2	Stack 2 - DG Set 2 - 500 KVA (Manufacturing Year 2008)	8	0.15	853

4. The applicant shall install a comprehensive air pollution control system consisting of control equipment as detailed below and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

Chimney / Stack	Control Equipment	Relevant - parameters & standard limits
Stack 1 - DG Set 1 - 500 KVA (Manufacturing Year 2008)	Acoustic Enclosure & Stack	Oxides of Nitrogen + Hydrocarbon (NO <sub>x</sub> + HC) - <= 4.0 g/kW-Hr ; Carbon Monoxide (CO) - <= 3.5 g/kW-Hr ; Particulate Matter (PM) - <= 0.2 g/kW-Hr ; Smoke Limit (Light Absorption Co-efficient) - <= 0.7 l/m
Stack 2 - DG Set 2 - 500 KVA (Manufacturing Year 2008)	Acoustic Enclosure & Stack	Oxides of Nitrogen + Hydrocarbon (NO <sub>x</sub> + HC) - <= 4.0 g/kW-Hr ; Carbon Monoxide (CO) - <= 3.5 g/kW-Hr ; Particulate Matter (PM) - <= 0.2 g/kW-Hr ; Smoke Limit (Light Absorption Co-efficient) - <= 0.7 l/m

5. The applicant shall observe the following fuel consumption:

S.No	Type of fuel	Maximum quantity T/day
1	Diesel (in LPD) (Density - 0.85 Kg/l)	40

6. The proponent shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 and control the noise to the prescribed levels.

7. The industry shall take adequate measures for control of noise from its own source so as to comply with the standards as may be applicable. Noise Level should not exceed 65 dB (A) and 55 dB (A) during daytime and night times respectively.

8. DG Sets shall meet the noise and air emission standards prescribed under The Environment (Protection) Rules, 1986 and shall be provided with integral acoustic enclosure. The applicant shall comply with order of Hon,ble National Green Tribunal dated 11.05.2015 in Appeal No. 12(THC) of 2013, Original Application No. 17(THC) of 2013 and Original Application No. 32(THC) of 2013 and implement all conditions in the CPCB Guidelines for DG Set. The DG set which are 15 years old or completed 50,000 Hours of Operation shall not be used.

9. The unit shall provide minimum stack height (H) to the DG sets as per the formula  $H = h + 0.2 \sqrt{KVA}$  where KVA= total generation capacity and h= Height of the building where DG set is installed.

10. The Industry shall take appropriate measures to ensure that the ground level concentration shall comply with revised National Ambient Air Quality Standards dated 16.11.2009 notified by MoEF&CC, GOI.

11. There shall not be any perceptible odour outside the industry's premises.

12. Any change in the emission source / process / Air Pollution Control System / fuel shall be brought to the notice of this Authority in writing and fresh consent has to be obtained, as required.

13. The unit shall submit the Environmental Statement in Form V before 30th September every year as per the Rule No.14 of the E(P) Rules, 1986 & Amendments.

#### 14. Specific Conditions :

(a) The unit shall handle only cargoes permitted, as permitted vide Clause 2 of Section "Special

*h*

*h*

Conditions" of this Consent Order and the quantity of cargoes handled by the unit shall not exceed 17.5 MMTPA, at any point of time. Any other goods / cargoes, intended to be handled, by the unit, shall be done only after obtaining prior consent from this Committee.

(b) Cement in Bulk, as mentioned in the Column 1 of Annexure I, of this Consent Order, shall be handled by M/s. Penna Cement Industries only, as per the Consent to Operate, issued by PPCC.

(c) LNG, as mentioned in the Column 3 of Annexure I, of this Consent Order, shall be handled by M/s. AGP Karaikal LNG Pvt., Ltd., only after obtaining Consent to Operate, from this Committee.

(d) **For handling of Dry Bulk Cargoes :** To control fugitive emission at the Coal Stockyard and other Dry Bulk Cargoes, the following shall be regularly utilized / practiced to meet the applicable standards:

(i) Coal shall not be handled more than 10.0 MMTPA, as specified in the Column 1 of Clause 2 of Section "Special Conditions", of this Consent Order. Most of the Coal shall be handled through Mechanization of Coal Handling System Only. Coal upto 1.5 MMTPA, shall be handled by Semi Mechanized Mode, using Hoppers and Conveyors, for small customers.

(ii) Dry Bulk Cargoes viz., Fertilizers, Clay, Iron Ore, Gypsum, Limestone, Dolomite, Aggregates, Agro Products such as, Corn, Wheat, Sugar, Red Chillies, Wood Chips, etc., which are handled in Bulk, shall be handled within the capacity of 3.5 MMTPA, allocated for Break Bulk / General Cargoes, as specified Clause 2 of Section "Special Conditions", of this Consent Order.

(iii) Water Sprinklers shall be provided all along the Coal and Iron ore Stockyard area, wherever applicable, for constantly wetting the Coal and Iron ore heaps.

(iv) Water Tanker with rear spreading bars and high pressure sprinkler nozzles, shall be deployed for constant wetting of the Roads, areas in the Coal and Iron ore Stock Yard inside the premises of the unit.

(v) Dust Separation Wall, with high resistant polymer meshes, shall be provided around the Coal and Iron ore Stock Yard and along the Railway sidings and shall be immediately mended / replaced, as and when damaged.

(vi) Coal and Iron Ore shall be loaded in the trucks only in the wet condition after sprinkling water.

(vii) The height of the Coal and Other Dry Bulk Cargoes heaps shall not exceed 10 metres from the Ground Level, at any cost.

(viii) Mobile mistifiers shall be operated throughout the time of handling Coal and Iron ore.

(ix) The trucks transporting Coal out of the premises shall be subjected to wash using the Automated Tyre Wash System, before exiting the premises.

(x) The trucks transporting Coal and Other Dry Bulk Cargoes, out of the premises shall be covered using tarpaulins to avoid spillage on the roads and the unit shall ensure that, the tarpaulins cover of the trucks are locked till the delivery point is reached.

(xi) The Automated Continuous Ambient Air Quality Monitoring stations (3 Nos.) connected to the server of this Committee, for parameters, PM10, PM2.5 and CO, shall be operated and maintained, at all times and any corrective actions, if required, shall be carried out immediately and the same shall be reported to this Committee.

(xii) The Ambient Air Quality, in and around the unit, shall be maintained within the prescribed standards and if exceeded at any point of time, the Committee shall review / revoke the handling capacity of Coal, awarded herewith, in this Consent Order.

(e) **For Handling of Dry Bulk Cargoes other than Coal and Iron ore :** Dry Bulk Cargoes that are likely to be affected by sprinkling of water shall be handled, such that, there are no dust emissions arising, at any point of time and shall be stored in closed sheds only, such that, wind action is minimized to near zero.

---

*h*

*h*



**(f) For Handling of General Cargo, the following systems shall be regularly utilized to meet the standards:**

(i) The Total Handling Capacity of the General Cargo permitted to be handled by the unit shall not exceed 3.5 MMTPA, including Items marked \* in Column 1 of Clause 2 of the Section "Special Conditions" of this Consent Order.

(ii) Cargoes as specified alone shall be handled and clearance from this Committee shall be obtained in case of any other items to be handled, afresh.

(iii) Cargoes mentioned under Break Bulk Cargoes / General Cargoes in Column 3 of Table of Clause 2 of Section "Special Conditions" of this Consent Order, shall only be handled in only in Bags and / or countable units and shall be carried to the closed warehouses in trucks covered by tarpaulins without any spillage due to transportation, inside the premises.

(iv) Agro Products such as, Red Chillies, Sugar, Wheat, Corn etc., shall be handled with utmost care, with closed Hoppers and Closed Baggings in warehouses.

(v) There shall be no increase in the pollution load due to the handling process.

**(g) For Liquid Bulk Cargoes :**

**(i) Crude Oil and Other Petroleum Products:**

(1) There shall be no storage of crude oil at any point of time in the premises of the Port except other petroleum products including Bitumen.

(2) No Construction activities shall be carried out and the applicant shall not undertake any expansion, modernization, diversification, change of location, storage etc., without the prior approval / clearance from this authority.

(3) Coast Guard approved Oil Spill Contingency Plan (OSCP) shall be strictly adhered to.

(4) All the measures adopted in Oil Spill Risk Assessment (OSRA) and Environmental Management Plan (EMP) shall be strictly adhered to.

(5) Fire fighting systems OISD (Oil Industries Safety Directorate) – 156 Standards shall be strictly adhered to.

(6) Provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any fire hazard to human beings, other living creatures, plants and properties while handling hazardous substances shall be strictly adhered to.

(7) Periodical mock drills, for all personnel to be involved in transportation of crude oil and petroleum products through pipeline, by updating their technical skills from time to time, so as to control actual leakage of hazardous materials in the quickest possible time, is mandatory.

(8) The unit shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

**(ii) For Edible Oil:**

(1) Certified storage tanks shall be utilized for storing edible oil. The validity of the certifications, if any, shall be reviewed and updated, periodically.

(2) There shall be no spillage of Oil, on land, in and around the premises.

(h) The unit shall engage an NABL Accredited Laboratory, for collection and analysis of samples, for Parameters of Ambient Air Quality and Noise, as imposed vide this Consent Order and the reports of the same, shall be submitted to this Committee, once every Six (06) Months, as per the Monitoring Frequency for Red Category Units, recommended by the Central Pollution Control Board, New Delhi. This is for Strict Compliance.

(i) The unit shall submit compliance statement of the conditions imposed, in this Air Consent Order, in tabulated form, along with necessary annexures, once in every six (06) months, to this Committee.

(j) The revised standards mentioned under the Special Conditions, shall be applicable for the whole production capacity of the unit and shall be in force, in accordance with the Rules / Laws / Notifications, issued under the Environment (Protection) Act, 1986 and its amendments till date.

(k) The unit shall be liable to environmental compensation charges henceforth, in accordance with the above point (n), which is proportional to the no. of non-compliances and the period of the same. Hence, compliance of all conditions, of this Consent order shall be immediately effected, unless any specified timelines are applicable and are strictly enforced henceforth.

**(l) Implementation Schedules :**

(i) The unit shall submit six monthly report on the dredging operations including the quantity of sand dredged, utilized and the balance stored as per the EC conditions of MoEF&CC.

(ii) The above said 1 No. of implementation schedule shall be followed with due diligence, failing which, the unit shall be liable to be levied with environmental compensation, since inception of the Port, as per the prevailing Acts / Rules / Notifications, as applicable and also the enforcement action, as deemed fit shall be initiated against the unit, as applicable.

**(i) For Better Environmental Management :**

(i) Energy conservation measures like installation of energy efficient lighting systems, like LED's for lighting the areas inside and outside the building should be integral part of the design. Used CFL's/TFL's/LED's should be properly collected and disposed off / sent to for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid toxic contamination.

(ii) Use of Solar panels may be adopted to the maximum extent possible, especially for streetlights within the campus.

(iii) Energy Audit and annual reduction pattern to be planned and intimated to this committee.

(iv) Systematic Plantation of suitable varieties of trees, shrubs and climbers etc., shall be done in phased manner, with plan budget over a period of years covering the entire available vacant area.

(v) Appropriate rainwater harvesting structures and Farm Ponds shall be established on scientific basis.

(vi) The unit shall declare itself an "Single Use Plastic Free Zone" and maintain the same, in compliance with the Notification issued by this Committee on Ban of Single Use Plastics, G.O. Ms. No. 18/Envt./2019 dated 30.07.2019, published in the Gazette of Puducherry, Part I Extraordinary, dated 02.08.2019.



**Member Secretary**

**MEMBER SECRETARY /  
PUDUCHERRY POLLUTION  
CONTROL COMMITTEE  
PUDUCHERRY.**

*he*

## GENERAL CONDITIONS

1. Notwithstanding anything contained in this No-Objection Certificate from Pollution Angle, the Puducherry Pollution Control Committee hereby reserves its right and power under Section 27 (2) of the Water (Prevention and Control of Pollution) Act, 1974 and Section 21 (4) of the Air (Prevention and Control of Pollution) Act, 1981 to Review / Revoke any or all the conditions imposed herein and to cancel, refuse, modify or stipulate additional conditions for the purpose of the Act by the Committee, if conditions of the consent granted are not fulfilled.
2. The applicant shall not undertake any expansion, modernization, diversification, change of location, change of process, change of products etc., without the prior approval / clearance from this authority.
3. The applicant shall take all possible measures to create pollution free surroundings.
4. Sufficient green belt shall be provided all around the unit.
5. This No-Objection Certificate from Pollution Angle shall be exhibited in the office room and must be made available to the inspecting officers of this Committee.
6. Housekeeping shall be maintained clean.
7. All the conditions shall be enforced under the provisions of the Environment (Protection) Act, 1986, along with its amendments, from time to time.



*[Handwritten Signature]*  
Member Secretary

**MEMBER SECRETARY**  
**PUDUCHERRY POLLUTION**  
**CONTROL COMMITTEE**  
**PUDUCHERRY.**



*[Handwritten Signature]*

By Registered Post with Acknowledgement Due  
(This document contains 09 (Nine) Pages)



**WATER CONSENT ORDER (RENEWAL)**

Ref. : No. (R19KAR654931)/(2022) | 732

Date 09 JUN 2022

Sub : Puducherry Pollution Control Committee - M/s. Karaikal Port Private Limited - Water Consent Order (Renewal) under Section 25 / 26 of The Water (Prevention and Control of Pollution) Act, 1974, as amended - Issued - Reg.

Ref : R19KAR654931 dated 29/11/2021 of Capt. Vijay Nicodemus Venkataramanan B

\*\*\*\*\*

Consent to Operate is hereby renewed under Section 25 / 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended (hereinafter referred to as 'The Act') and the Rules and Orders made there under for discharge or continuation of discharge of sewage or trade effluent to Capt. Vijay Nicodemus Venkataramanan B, The Chief Operating Officer, M/s. Karaikal Port Private Limited, Keezhavanjore Village, T.R.Pattinam Commune, Karaikal.

**CATEGORY : RED      SIZE : LARGE      LOCATION : MIXED      AREA : 602 ACRES**

(hereinafter referred to as 'The Applicant') authorizing them to Operate the industry, @ Keezhavanjore Village, T. R. Pattinam Commune, Karaikal, subject to following special and general conditions:

**Validity of the Consent :**

(i) This Consent order is valid upto 31.03.2026.

(ii) The Project Proponent shall apply for obtaining Renewal of this Air Consent Order (Renewal), before Sixty (60) days of the expiry of the same, as imposed in (i) above, via www.ponocmms.nic.in, duly filled in, remitting Consent Fees and uploading relevant and required documents, as per prevailing orders. No other mode of application shall be entertained.



Member Secretary

**MEMBER SECRETARY  
PUDUCHERRY POLLUTION  
CONTROL COMMITTEE  
PUDUCHERRY.**

To,

Capt. Vijay Nicodemus Venkataramanan B, The Chief Operating Officer, M/s. Karaikal Port Private Limited, Keezhavanjore Village, T.R.Pattinam Commune, Karaikal - 609 606.

Copy to :

1. The Assistant Director, Department of Industries and Commerce, Rural Industrial Estate, Kottucherry Commune, Karaikal - 609 609.
2. The Commissioner, T.R.Pattinam Commune Panchayat, T.R.Pattinam, Karaikal - 606 606.
3. Standing Guard File.

*h*

### SPECIAL CONDITIONS

1. Notwithstanding anything contained in any other Act or Rules or Notifications this clearance is given from pollution angle only.

2. **Details of the Cargoes permitted to be handled** : Multi - purpose port, permitted to handle different types of cargo, in MMTPA, as mentioned below :

Column 1	Column 2	Column 3
Dry Bulk Cargoes	Break Bulk / General Cargoes 3.5 MMTPA	Liquid Cargoes
Coal – 10.0 MMTPA	Textiles	Edible Oil – 0.5 MMTPA
* Fertilizers	Machinery	**Crude Oil & Other Petroleum Products – 1.0 MMTPA
* Clay	Timber	** LNG (To be handled by M/s. AGP Karaikal LNG Pvt. Ltd., 1.0 MMTPA
* Iron Ore	Steel	
* Gypsum	Containers	
* Limestone	Granite	
* Dolomite	Marble Slabs	
* Aggregates	Fertilizers in Bags	
*Agro Products such as, Corn, Wheat, Sugar, Red Chillies, Wood Chips.	Agro Products such as, Corn, Wheatm Red Chillies etc., (in Bags only)	
* Clinker	Wood Chips	
Cement in Bulk (Handled by M/s. Penna Cement Industries Ltd.) – 0.5 MMTPA	Cement (in Bags)	
Sand – 1.0 MMTPA	Salt	

**Note :**

(i) The Total Capacity of the Cargoes permitted to be handled by this Committee is only **17.5 MMTPA**, as imposed above, as against the Total Capacity of the Cargoes permitted to be handled by the MoEF&CC, viz., 21.5 MMTPA.

(ii) The above table is in accordance with the EC Amendment issued by the MoEF&CC, vide No. 10-42/2009-IA.III dated 05.08.2021, except Items marked **\*\*** in the Column No. 3, above.

(iii) Items marked **\*** in the Column 1 of the above table and the items mentioned in the Column 2 of the same, collectively shall be handled upto **3.5 MMTPA** only.

(iv) Items marked **\*\*** in the Column 3 of the above table has been classified as Liquid Cargoes in the Table at Page No. 37, of the EIA Guidance Manual, prepared by the Administrative Staff College, Hyderabad, for MoEF&CC, New Delhi.

**3. Details of Water Consumption :**

Water Requirement for	Quantity in KLD	Water Source
Process	170.0	Desalination Plant and PASIC Borewell
Cooling	0.0	NIL
Boiler	0.0	NIL
Floor and Vessel Washing	0.0	NIL
Domestic Use	140.0	Desalination Plant and PASIC Borewell

*he*

*Shree*

Garden	40.0	Desalination Plant, PASIC Borewell and STP Treated Water
<b>Total</b>	<b>350</b>	

4. The applicant shall have the following outlets with maximum discharge quantities and disposal point as specified in the table for discharge of sewage / trade effluent. Any change in the outlets has to be brought to the notice of the Board and fresh consent has to be obtained if necessary.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
1	Sewage	32.0	<b>Sewage Treatment Plant :</b> Treated in 25 KLD STP and the treated Water after conforming to the standards, used for gardening.
2	Trade Effluent	16.0	<b>Vehicle Wash System ETP :</b> The Vehicle wash water is treated in Vehicle Wash ETP of 16 KLD and the treated water is reused / recycled.
3	Trade Effluent	25.0	<b>Tyre Wash System ETP :</b> The Tyre wash water is treated in Tyre Wash ETP of 25 KLD and the treated water is reused / recycled.
4	Trade Effluent	50.0	<b>Storm Water ETP No. 1 :</b> Dedicated to Storm Water Drain System and are operated during Monsoon. The Storm Water are collected and filtered for impurities and the clear water are drained in Sea.
5	Trade Effluent	50.0	<b>Storm Water ETP No. 2 :</b> Dedicated to Storm Water Drain System and are operated during Monsoon. The Storm Water are collected and filtered for impurities and the clear water are drained in Sea.

5. The applicant shall provide comprehensive effluent treatment plant consisting of Primary/ Secondary and/or Tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards before disposal (If applicable).

*hu*

*duy*

S.No	Name	Concentration Standard	Mass standard (if applicable)
1	pH	5.5 - 9.0	-
2	Suspended Solids (mg/l)	100 mg/l	-
3	BOD, 3 days, 27 deg.C	30 mg/l	-
4	C.O.D	250 mg/l	-
5	Oil & Grease	10 mg/l	-

6. The applicant shall provide, comprehensive sewage treatment plant as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated waste water to the following standards before disposal (If applicable):

S.No	Name	Concentration Standard	Mass standard to be complied (if applicable)
1	pH	5.5 - 9.0	-
2	TSS	20 mg/l	-
3	BOD, 3 days, 27 deg.C	10 mg/l	-
4	COD	50 mg/l	-
5	N- Total	10 mg/l	-
6	Fecal Coliform (MPN/100 ml - Most Probable Number per 100 ml)	Desirable 100 MPN/100ml ; permissible 230 MPN/100 ml	-
7	Surfactants	1.0 mg/l	-
8	Free Ammonia	1.2 mg/l	-

7. The details of STP / ETP to be provided is as follows:

S.No.	Treatment unit name	No. of unit	Dimension (in meter)
<b>Sewage Treatment Plant Capacity : 30 KLD</b>			
1	Sewage Treatment Plant	1	20 X 20 X 3
<b>Effluent Treatment Plant Capacity: 141 KLD</b>			
1	Vehicle Wash System	1	20 X 16 X 3
2	Tyre Wash System	1	20 X 16 X 3
3	Storm Water ETP 1	1	12 X 10
4	Storm Water ETP 2	1	12 X 10

*Ammy*

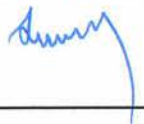
*he*

8. The ETP/STP units shall be impervious to prevent ground water pollution.
9. There shall be no perceptible odour outside the industry's premises.
10. The unit shall provide digital flow meter to the inlet and outlet of the treatment plant and proper records shall be maintained in log book.
11. Separate energy meter shall be provided for the ETP / STP and proper records shall be maintained in log book.
12. The unit shall provide an alternate power source along with separate energy meter for the Effluent Treatment Plant / Sewage Treatment Plant to ensure continuous operation of the Treatment Plant.
13. The applicant shall submit the Environmental Statement in Form V before 30th September every year as per the Rule No.14 of the E(P) Rules, 1986 & Amendments.

14. **Specific Conditions :**

- (a) The unit shall handle only cargoes permitted, as per Clause 2 of Section "Special Conditions", of this Consent Order and the total quantity of cargoes handled by the unit shall not exceed 17.5 MMTPA, at any point of time. Any other goods / cargoes, intended to be handled, by the unit, shall be done only after prior clearance from this Committee.
- (b) Cement in Bulk, as mentioned in the Column 1 of the table of Clause 2 of Section "Special Conditions", of this Consent Order, shall be handled by M/s. Penna Cement Industries only, as per the Consent to Operate, issued by PPCC.
- (c) LNG, as mentioned in the Column 3 of the table of Clause 2 of Section "Special Conditions", of this Consent Order, shall be handled by M/s. AGP Karaikal LNG Pvt., Ltd., only after obtaining Consent to Operate, from this Committee.
- (d) **For handling of Dry Bulk Cargoes :** To control fugitive emission at the Coal Stockyard and other Dry Bulk Cargoes, the following shall be regularly utilized / practiced to meet the applicable standards:
  - (i) Coal shall not be handled more than 10.0 MMTPA, as specified in the Column 1 of the table of Clause 2 of Section "Special Conditions", of this Consent Order. Most of the Coal shall be handled through mechanization of Coal Handling System Only. Coal upto 1.5 MMTPA, shall be handled by Semi Mechanized Mode, using Hoppers and Conveyors, for small customers.
  - (ii) Dry Bulk Cargoes viz., Fertilizers, Clay, Iron Ore, Gypsum, Limestone, Dolomite, Aggregates, Agro Products such as, Corn, Wheat, Sugar, Red Chillies, Wood Chips, etc., which are handled in Bulk, shall be handled within the capacity of 3.5 MMTPA, allocated for Break Bulk / General Cargoes, as specified in the table of Clause 2 of Section "Special Conditions", of this Consent Order.
  - (iii) Water Sprinklers shall be provided all along the Coal and Iron ore Stockyard area, wherever applicable, for constantly wetting the Coal and Iron ore heaps.
  - (iv) Water Tanker with rear spreading bars and high pressure sprinkler nozzles, shall be deployed for constant wetting of the Roads, areas in the Coal and Iron ore Stock Yard inside the premises of the unit.
  - (v) Dust Separation Wall, with high resistant polymer meshes, shall be provided around the Coal and Iron ore Stock Yard and along the Railway sidings and shall be immediately mended / replaced, as and when damaged.
  - (vi) Coal and Iron Ore shall be loaded in the trucks only in the wet condition after sprinkling water.
  - (vii) The height of the Coal and Other Dry Bulk Cargoes heaps shall not exceed 10 metres from the Ground Level, at any cost.
  - (viii) Mobile mistifiers shall be operated throughout the time of handling Coal and Iron ore.
  - (ix) The trucks transporting Coal out of the premises shall be subjected to wash using the Automated Tyre Wash System, before exiting the premises.







(x) The trucks transporting Coal and Other Dry Bulk Cargoes, out of the premises shall be covered using tarpaulins to avoid spillage on the roads and the unit shall ensure that, the tarpaulins cover of the trucks are locked till the delivery point is reached.

(xi) The Automated Continuous Ambient Air Quality Monitoring stations (3 Nos.) connected to the server of this Committee, for parameters, PM<sub>10</sub>, PM<sub>2.5</sub> and CO, shall be operated and maintained, at all times and any corrective actions, if required, shall be carried out immediately and the same shall be reported to this Committee.

(xii) The Ambient Air Quality, in and around the unit, shall be maintained within the prescribed standards and if exceeded at any point of time, the Committee shall review / revoke the handling capacity of Coal, awarded herewith, in this Consent Order.

**(e) For Handling of Dry Bulk Cargoes other than Coal and Iron ore:** Dry Bulk Cargoes that are likely to be affected by sprinkling of water shall be handled, such that, there are no dust emissions arising, at any point of time and shall be stored in closed sheds only, such that, wind action is minimized to near zero.

**(f) For Handling of General Cargo, the following systems shall be regularly utilized to meet the standards:**

(i) The Total Handling Capacity of the General Cargo permitted to be handled by the unit shall not exceed 3.5 MMTPA, including Items marked \* in Column 1 of the table of Clause 2 of Section "Special Conditions", of this Consent Order.

(ii) Cargoes as specified alone shall be handled and clearance from this Committee shall be obtained in case of any other items to be handled, afresh.

(iii) Cargoes mentioned under Break Bulk Cargoes / General Cargoes in Column 3 of the table of Clause 2 of Section "Special Conditions", of this Consent Order, shall only be handled in only in Bags and / or countable units and shall be carried to the closed warehouses in trucks covered by tarpaulins without any spillage due to transportation, inside the premises.

(iv) Agro Products such as, Red Chillies, Sugar, Wheat, Corn etc., shall be handled with utmost care, with closed Hoppers and Closed Baggings in warehouses.

(v) There shall be no increase in the pollution load due to the handling process.

**(g) For Liquid Bulk Cargoes :**

**(i) Crude Oil and Other Petroleum Products:**

(1) There shall be no storage of crude oil at any point of time inside the premises of the Port except other petroleum products including Bitumen.

(2) No Construction activities shall be carried out and the applicant shall not undertake any expansion, modernization, diversification, change of location, storage etc., without the prior approval / clearance from this authority.

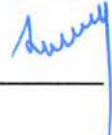
(3) Coast Guard approved Oil Spill Contingency Plan (OSCP) shall be strictly adhered to.

(4) All the measures adopted in Oil Spill Risk Assessment (OSRA) and Environmental Management Plan (EMP) shall be strictly adhered to.

(5) Fire fighting systems OISD (Oil Industries Safety Directorate) – 156 Standards shall be strictly adhered to.

(6) Provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any fire hazard to human beings, other living creatures, plants and properties while handling hazardous substances shall be strictly adhered to.





(7) Periodical mock drills, for all personnel to be involved in transportation of crude oil and petroleum products through pipeline, by updating their technical skills from time to time, so as to control actual leakage of hazardous materials in the quickest possible time, is mandatory.

(8) The unit shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

**(ii) For Edible Oil:**

(1) Certified storage tanks shall be utilized for storing edible oil. The validity of the certifications, if any, shall be reviewed and updated, periodically.

(2) There shall be no spillage of Oil, on land, in and around the premises.

**(h) For Water Management :**

(i) The accounts of water consumption, with the source of water, shall be maintained separately for the above usage requirements and discharge along with treated water. The copy of the above said records shall be submitted to this committee on a monthly basis.

(ii) The operation of the R.O. System shall be recorded in a log book, indicating the quantity of intake and reject, source of water, discharge of the reject, along with their qualitative analysis data tested by a NABL accredited laboratories and the report of the same shall be submitted to this Committee on a monthly basis.

(iii) The domestic wastewater treated in Sewage Treatment Plant (1 X 25 KLD) shall be used for gardening purpose. The accounts of water treated and reused shall be recorded in a logbook and the same shall be submitted to this committee on a monthly basis, along with the qualitative analysis data tested by a NABL accredited laboratories.

(iv) The Storm Water Drain system shall be maintained regularly. The Effluent Treatment Plant (2 X 50 KLD) linked to the Storm Water Drain System shall be ensured for its operability and shall be used for the very purpose. The records of the water treated and reused of the same shall be submitted to this Committee, on a monthly basis.

(v) The Effluent Treatment Plants, connected to the Vehicle Wash Area (1 X 16 KLD) and the Tyre Wash System (1 X 25 KLD), shall be ensured for its operability and shall be used for the very purpose. The records of the water treated and reused of the same shall be submitted to this Committee, on a monthly basis.

(i) The unit shall engage an NABL Accredited Laboratory, for collection and analysis of samples, for Parameters of inlet and outlet of the Effluent and Sewage Treatment Plants, as imposed vide this Consent Order and the reports of the same, shall be submitted to this Committee, every month, so as to enable the Committee, to submit Compliance report to the Central Pollution Control Board, New Delhi, as per the orders of NGT, on STPs / ETPs, in the country. This is for Strict Compliance.

(j) The unit shall submit compliance statement of the conditions imposed, in this Air Consent Order, in tabulated form, along with necessary annexures, once in every six (06) months, to this Committee.

(k) The revised standards mentioned under the Special Conditions, shall be applicable for the whole production capacity of the unit and shall be in force, in accordance with the Rules / Laws / Notifications, issued under the Environment (Protection) Act, 1986 and its amendments till date.

(l) The unit shall be liable to environmental compensation charges henceforth, in accordance with the above point (i), which is proportional to the no. of non-compliances and the period of the same. Hence, compliance of all conditions, of this Consent order shall be immediately effected, unless any specified timelines are applicable and are strictly enforced henceforth.

---

*he*

**(m) Implementation Schedules :**

(i) The unit shall submit six monthly report on the dredging operations including the quantity of sand dredged, utilized and the balance stored as per the EC conditions of MoEF&CC.

(ii) The above said 1 No. of implementation schedule shall be followed with due diligence, failing which, the unit shall be liable to be levied with environmental compensation, since inception of the Port, as per the prevailing Acts / Rules / Notifications, as applicable and also the enforcement action, as deemed fit shall be initiated against the unit, as applicable.

**(n) For Better Environmental Management:**

(i) Energy conservation measures like installation of energy efficient lighting systems, like LED's for lighting the areas inside and outside the building should be integral part of the design. Used CFL's/TFL's/ LED's should be properly collected and disposed off / sent to for recycling as per the prevailing guidelines /rules of the regulatory authority to avoid toxic contamination.

(ii) Use of Solar panels may be adopted to the maximum extent possible, especially for streetlights within the campus.

(iii) Energy Audit and annual reduction pattern to be planned and intimated to this committee.

(iv) Systematic Plantation of suitable varieties of trees, shrubs and climbers etc., shall be done in phased manner, with plan budget over a period of years covering the entire available vacant area.

(v) Appropriate rainwater harvesting structures and Farm Ponds shall be established on scientific basis.

(iv) The unit shall declare itself an "Single Use Plastic Free Zone" and maintain the same, in compliance with the Notification issued by this Committee on Ban of Single Use Plastics, G. O. Ms. No. 18/ Envvt./2019 dated 30.07.2019, published in the Gazette of Puducherry, Part I Extraordinary, dated 02.08.2019.



*[Signature]*  
Member Secretary

**MEMBER SECRETARY  
PUDUCHERRY POLLUTION  
CONTROL COMMITTEE  
PUDUCHERRY.**

*[Signature]*

## GENERAL CONDITIONS

1. Notwithstanding anything contained in this Certificate from Pollution Angle, the Puducherry Pollution Control Committee hereby reserves its right and power under Section 27 (2) of the Water (Prevention and Control of Pollution) Act, 1974 and Section 21 (4) of the Air (Prevention and Control of Pollution) Act, 1981 to Review / Revoke any or all the conditions imposed herein and to cancel, refuse, modify or stipulate additional conditions for the purpose of the Act by the Committee, if conditions of the consent granted are not fulfilled.
2. The applicant shall not undertake any expansion, modernization, diversification, change of location, change of process, change of products etc., without the prior approval / clearance from this authority.
3. The applicant shall take all possible measures to create pollution free surroundings.
4. Sufficient green belt shall be provided all around the unit.
5. This No-Objection Certificate from Pollution Angle shall be exhibited in the office room and must be made available to the inspecting officers of this Committee.
6. Housekeeping shall be maintained clean.
7. All the conditions shall be enforced under the provisions of the Environment (Protection) Act, 1986, along with its amendments, from time to time.



*[Signature]*  
Member Secretary

**MEMBER SECRETARY /  
PUDUCHERRY POLLUTION  
CONTROL COMMITTEE  
PUDUCHERRY.**



*[Signature]*



**POLICY SCHEDULE FOR PUBLIC LIABILITY (Non-Industrial Risks) INSURANCE**

**UIN NUMBER - IRDAN190P0079100001**

<b>Insured's Name</b>	: M/S KARAIKAL PORT PRIVATE LTD		
<b>Insureds Details</b>		<b>Issuing Office Details</b>	
<b>Customer ID</b>	: POA8569690	<b>Office Code</b>	: KARAIKKAL BR (731201)
<b>Address</b>	: KEEZHAVANJORE, TIRIPATTINAM, KARAIKAL,  KARAIKAL ,PONDICHERRY, 609606	<b>Address</b>	: 1 ST FLOOR, MAJ APRTS, 149 ,BHARATHIYAR ROAD, KARAIKAL  ,609602
<b>Phone No</b>	:	<b>Phone No</b>	: 04368222652 / 9487406046
<b>E-mail/Fax</b>	: sabarigirinathan@karaikalport.com, /	<b>E-mail/Fax</b>	: nia.731201@newindia.co.in /
<b>PAN No</b>	:	<b>S.Tax Regn. No</b>	: AAACN4165CST178
<b>GSTIN/UIN</b>	: 34AACCK8122E1ZW / NA	<b>GSTIN</b>	: 34AAACN4165C2ZV
	:	<b>SAC</b>	: 997139 (Other non-life insurance services excl RI)

<b>Policy Details</b>			
<b>Policy Number</b>	: 73120136230700000003	<b>Business Source Code</b>	
<b>Period of Insurance</b>	: From: 30/09/2023 12:31:33 PM To: 29/09/2024 11:59:59 PM	<b>Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User</b>	: DIRECT BUSINESS - (2D6484354)
<b>Date of Proposal</b>	: 30-Sep-23	<b>Agent/Bancassurance/S pecified Person</b>	: Mr. KUNAPALAN P (NIAAG00037561) P.KUNAPALAN (SI00069446)
<b>Prev. Policy no.</b>	:	<b>Phone No</b>	: 9976197814 / 04368222652,
<b>Client Type</b>	: Corporate	<b>E-mail/Fax</b>	: kishorbalak@gmail.com, / /

<b>Premium(₹)</b>	<b>GST(₹)</b>	<b>Total(₹)</b>	<b>Total:(₹ in words)</b>	<b>Receipt No. &amp; Date</b>
16,627	2,992	19,619	RUPEES NINETEEN THOUSAND SIX HUNDRED NINETEEN ONLY	7312018123000000304 2 - 05/10/23

**Details of risk covered under current year policy:**

Retroactive Date	Jurisdiction	Territory	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
30/09/2022	India	India	50000000	1:3	150000000	AMT	0	0	0

**Retroactive Dates**

Retroactive Date Details	Date	Jurisdiction	Territory	AOA	AOA:AOY	AOY	Deductible Type (Amount/Percentage/Amount & Percentage)	India	Deductibles Worldwide excluding USA & Canada	Worldwide including USA & Canada
RETROACTIVE DATE 1	30/09/2022	India	India	50000000	1:3	150000000	Amount	0	0	0



RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.

Type of Construction	OTHERS
Number of Units	1
Class of Construction	
Voluntary Excess	0

**Extensions under the Policy**

Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension
Accidental pollution liability	₹500000	As Per Policy Deductible
Transportation liability	₹1000000	As Per Policy Deductible
the Act of GOD (Other than Earthquake) Cover	₹1000000	As Per Policy Deductible

Special Conditions	0.25% of Any One Accident limit subject to minimum of ₹50000/- NA
Special Exclusions	NA
Special Excess/Deductible	NA

This Policy shall be subject to PUBLIC LIABILITY (Non-Industrial Risks) INSURANCE policy clauses attached herewith

Clauses	Description
---------	-------------

**Premium and GST Details**

	Rate of Tax	Amount in INR
Premium		₹ 16,627
SGST	9	1496
CGST	9	1496
IGST	0	0

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 05th day of October, 2023.

For and on behalf of  
The New India Assurance Company Limited

Date of Issue: 05/10/2023

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1/-.

Mudrank \_\_\_\_\_ Dt. \_\_\_\_\_ consolidated Stamp Fees Paid by Pay Order Number \_\_\_\_\_ vide receipt number \_\_\_\_\_ dt. \_\_\_\_\_.

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

Tax Invoice No : 73120123P0003437



**IRDA Registration Number: 190**  
**NIA PAN NUMBER: AAACN4165C**



To

Date: 12.11.2010

The Chief Conservator of Forests (Central),  
 Ministry of Environment & Forests,  
 Regional Office (South Zone),  
 Kendriya Sadan,  
 4th Floor E&F Wing,  
 II Block Koramangala,  
 Bangalore-560034

Dear Sir,

Sub: Release of Notification in English & Tamil Newspapers regarding CRZ clearance for permission to handle crude oil and petroleum products.

Ref: Letter No: F. No. 11-35/2010 - IA . III dated 25<sup>th</sup> October 2010, Ministry of Environment & Forests, Govt of India (IA-III Division).

Karaikal Port (P) Ltd accorded Environmental clearance for permission to handle Crude oil and Petroleum products connecting Chidambaranar Oil Jetty at Nagore and KPPL Jetty at Karaikal Port vide Letter No: F. No. 11-35/2010 - IA . III dated 25<sup>th</sup> October 2010, Ministry of Environment & Forests, Govt of India (IA-III Division).

In this regard, We would like to inform that we have published the Notification in an English daily Newspaper (The New Indian Express, Trichy Edition) dated 05.11.2010 and in a Tamil (Vernacular language) daily Newspaper (Dina mani, Trichy Edition) dated 05.11.2010, according to the General Conditions Clause No. 9 of the clearance letter. Copies of the Notification are enclosed for your reference.

Kindly acknowledge receipt of the same.

Thanking you.

Yours faithfully,

Capt. Prasad Rebala  
 Sr. Vice President  
 Karaikal Port (P) Ltd.

Enclosures: Copy of News Papers.

**KARAIKAL PORT PRIVATE LIMITED**



Chennai - Centre Head - Melots International - Chennai, TN. Key Skills: Chennai - Centre Head, Centre head; branch head; centre manager; education industry The Centre Head would be required to ensure perfect planning.  
Jobs In India - Jobs Careers Vacancies in India - <http://jobsdugg.co.in/>



TIRUCHY: P3 CENTRAL TEAM INSPECTS IIM SITE



**GOVERNMENT OF ANDHRA PRADESH  
ROADS & BUILDINGS DEPARTMENT  
ANDHRA PRADESH ROAD SECTOR PROJECT**

**CORRIGENDUM**

No.1 to BID Notice No.3/APRSP/OPRC-15 Date: 02.11.2010  
The following amendment is issued in respect of the following work "Output and Performance Based Road Contract for the maintenance of Package 15 - Roads in West Godavari District of Andhra Pradesh".

1. Last date for sale of Bid documents : 18-11-2010 upto 5:00PM
2. Last date for submission of bids : 19-11-2010 upto 14:00Hrs
3. Last date for opening of bids : 19-11-2010 upto 14:30Hrs

The remaining contents of the procurement notice remain unaltered.  
Sd/- Chief Engineer (R&B) CRN & Managing Director, APRDC



**BHARAT SANCHAR NIGAM LIMITED**

(A Government of India Enterprise)  
An ISO 9001-2000 certified Unit

Office of the Executive Engineer, BSNL Civil Division,  
5th Floor, Ganapathy T/Exga, Ganapathy, Coimbatore-06.

**NOTICE INVITING TENDER**

File No. 54(1)/BSNL/CDCBE/2010/11183 Dated: 2/11/2010

On behalf of BSNL the Executive Engineer (C), invites Tender for the work of "Environmental Civil works for accommodating Customer Service Centre at Ground Floor CTD Building, Coimbatore", for further details, please visit our website [www.tamilnadu.bsnl.co.in](http://www.tamilnadu.bsnl.co.in)

**EXECUTIVE ENGINEER (C)  
BSNL CIVIL DIVISION  
COIMBATORE-06.**

SB/97988/10

**KARAIKAL PORT PRIVATE LIMITED**

Devs Ark, No.284/1136, Rajiv Gandhi Salai, Kottivakkam,  
Chennai - 600 096

Wishes to inform that it has been accorded Environmental clearance for permission to handle Crude oil and Petroleum products connecting Chidambaran Oil Jetty at Nagore and KPPL Jetty at Karaikal Port by the Ministry of Environment and Forests, Government of India and the copies of clearance letters are available with the Puducherry Pollution Control Board and also on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>

Date : 04. 11.2010

**EXECUTIVE DIRECTOR**



**GOVERNMENT OF ORISSA  
OFFICE OF THE ENGINEER-IN-CHIEF  
(CIVIL), ORISSA, BHUBANESWAR  
INVITATION FOR BIDS (IFB)**

Bid Identification No. CE-DPJ & R- 24/2010-11  
File No- C-IIM-IFB-4/2009 No-Dtd.

1. The Chief Engineer, D.P.I & Roads, Orissa, Bhubaneswar on behalf of Governor of Orissa invites percentage rate bids to be received in online mode only for the construction of work detailed in the table below.

Sl. No	Name of work	Approx. Value of work (In Rs)	Class of bidder	Period of completion
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...

**BSNL festival offer for 3G**

**Tiruchy:** As a festival offer, BSNL has announced concession offers for 3G services. All new 3G customers will get unlimited free data download for one week from the date of activation. This will be in addition to the 200 MB free download which will start after seven days. Prepaid as well as post-paid customers will enjoy this facility. During the festival period, 3G data plans with unlimited free downloads for 60, 95 and 180 days validity will be available for ₹ 2000, ₹ 2500 and ₹ 4200 respectively. These two offers will be available till Jan 29, 2011. In addition, 3G data cards with 7.2 Mbps and 3.6 Mbps speed will be available for only ₹ 2,500 and ₹ 2,000 respectively during the festival season as against the normal price of ₹ 3,000 and ₹ 2,500 respectively. BSNL 3G service is now available in 675 cities across the country and customers can enjoy free national data throughout the country, according to a release issued by V Raju, Principal General Manager, Tiruchy Telecom District, BSNL.

**Dee prog**

**Express News Service  
Tiruchy, Nov 4**

All India Radio frequency 94.6 K. Hz of programmes 11.4.30 am - Special isai: Chiramanu Nagaswaram, T. Radhakrishnan-T. Srirangam Srirangam Swamikal, 5.55 - Thiraimalargal Sudaravalkku, Ilaa Krishnan

12.10 pm - Thuthu Gnanaprasadam, Vazhvil Oliyadga (Programme), 1.30 pm - Naga vizha: R. Gurunaga Special Pattimam Neralgalai Purai Isai, 8.30 pm - zhi Padaigal, 8.4

**Change of Name**

My daughter, J. Gayathrikamakshi, born on 1st August 1989 (native place : Thanjavur), residing at Old No. 26, New No. 59, Banadurai South, Kumbakonam - 621 001, shall henceforth be known as **J. GAYATHRI.**

S. JAYAGOPAL  
(Father)

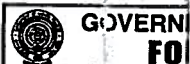
Kumbakonam, 14th November 2003.

**Change of Name**

I, K. Selvakumar, son of Thiru A. Krubanandham, born on 28th May 1982 (native district: Thanjavur), residing at Old No. 2, New No. 5, Sukkravarakattalai, Thiruvaidamaruthur - 612 104, shall henceforth be known as **K. SELVAKUMARAN.**

K. SELVAKUMAR.

Thiruvaidamaruthur, 23rd August 2005.



GOVERNMENT OF ORISSA

FO

Rc.No. 15/7/2010-E

Sealed Tenders owners of paper material extracted material Agency, Nellore. The (debarked is 1899 1527 Cmt.

The tender documents O/o Divisional Forest Nippo Factory, Chann hours. The tender 22-11-2010 upto 1. Divisional Forest Office in favour of Division documents are required VAT. The final date is 22-11-2010 upto 3. The sealed tenders After the 1st sale

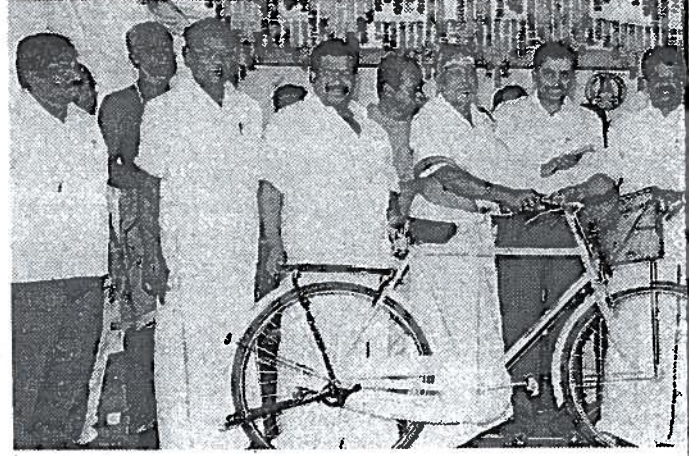
# கிராமக் கோயில் பூசாரிகளுக்கு இலவச சைக்கிள்

திருவாரூர், நவ. 4: திருவாரூர் மாவட்டத்தில் உள்ள ஒரு கால பூஜை-செய்யும் கிராமக் கோயில்களின் அர்ச்சகர்கள், பூசாரிகளுக்கு இலவச சைக்கிள்கள் வழங்கும் விழா திருவாரூர் அருள்மிகு தியாகராஜ சுவாமி கோயில் வளாகத்தில் வியாழக்கிழமை நடைபெற்றது.

விழாவில் 642 பேருக்கு இலவச சைக்கிள்களை வழங்கி மாநில பாஸ் வளத்துறை அமைச்சர் உ. மதிவாணன் பேசியது:

தமிழகத்தில் உள்ள ஒரு கால பூஜை நடைபெறும் கிராமக் கோயில்களில் பணியாற்றும் அர்ச்சகர்கள், பூசாரிகளுக்கு இலவச சைக்கிள்கள் வழங்க தமிழக முதல்வர் உத்தரவிட்டு, வழங்கப்படுகிறது.

கிராமங்களில் சென்று பணியாற்றும் அர்ச்சகர்களது சிரமத்தை கருத்தில் கொண்டு தமிழக முதல்



திருவாரூரில் வியாழக்கிழமை நடைபெற்ற விழாவில் சைக்கிள்களை வழங்குகிறார் அமைச்சர் உ.

தில்தான் தமிழக முதல்வர், இறைப் பணியில் ஈடுபட்டுள்ள அர்ச்சகர்கள். விழாவுக்கு மாவட்ட ஆர்ச்சகர்

## மின்சாரம் பாய்ந்து உணவக

### உரிமையாளர் சாவு

மன்னார்குடி, நவ. 4: மன்னார்குடியில் புதன்கிழமை இரவு மின்சாரம் பாய்ந்து உணவக உரிமையாளர் உயிரிழந்தார்.

மன்னார்குடி நான்காம் தெருவை சேர்ந்த ஆர். வீரக்குமார் (42). இவர் வ.உ.சி. சாலை யில் உணவகம் நடத்தி வருகிறார்.

புதன்கிழமை இரவு கடையை பூட்டுவிட்டு வீட்டுக்குச் சென்றவர் தூங்குவதற்கு முன் கொசுவலை சுட்டிய போது தவறுதலாக அவரது கை அருகில் இருந்த மின் விளக்கு செல்லும் வயரில் பட்டதால், அவரது உடலில் மின்சாரம் பாய்ந்து, தூக்கி வீசப்பட்ட வீரக்குமார் சம்பவ இடத்திலேயே உயிரிழந்தார். இதுகுறித்து மன்னார்குடி போலீஸார் வழக்குப் பதிந்து விசாரித்து வருகிறார்கள்.

பின்லே பள்ளி

மாணவர்களுக்க

**காரைக்கால் போர்ட் பிரைவேட் லிமிடெட்**  
 சேவலாக்க இயக்குநர்  
 தலைநகர்: 600 096

இதன் மூலம் காரைக்கால் துறைமுகத்தின் இரண்டாம் கட்ட விரிவாக்கத் திட்டத்தின் கீழ் நாகரில் இருக்கும் ரிசர்வ் டிரைவ் டிரைவ் அமைப்பும், காரைக்கால் துறைமுகத்தின் டிரைவ் அமைப்பும் இணைக்கும் கச்சா எண்ணெய் வகையானவற்றைக் கையாற்றும் கற்றுகழல் மண்டலத்தின் கீழ் இந்திய அரசின் கருறுதலை மற்றும் வளத்துறை அமைச்சகத்தால் (MOEF) அனுமதி வழங்கப்பட்டுள்ளது என்று தெரிவித்துக் கொள்ளப்படுகிறது. மேலும் அனுமதி கடிதத்தின் நகல்கள் பதின்மூன்று மாதங்கட்குப்பாட்டு வாரியத்திலும் மற்றும் கற்றுகழல் வளத்துறை அமைச்சகத்தின் இணையதளமான <http://www.envrnrc.in> லும் உள்ளது.

தேதி : 04.11.2010 செயலாக்க இயக்குநர்

**எங்களது அன்பான வாடிக்கையாளர்கள் அனைவருக்கும் கீரிய தீபாவளி நல்வாழ்த்துக்கள்!**

**கம்பிகளின் சூப்பர் ஸ்டார்**  
**ASRM TRY®**

செவலாக்க இயக்குநர்  
 No. 17  
 கந



KPP/ENV/MoEF&amp;CC/EC-CRZ /2023/02

Date: 27<sup>th</sup> April 2023**To****The Regional Officer, Integrated Regional Office (IRO),**

Ministry of Environment, Forest &amp; Climate Change (MoEF&amp;CC),

1st Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road,

Nungambakkam, Chennai - 600006

**Subject:**

1. Intimation regarding acquisition of Karaikal Port Private Limited (KPPL) by Adani Ports and Special Economic Zone Limited (APSEZ)
2. Submission of Compliance Report by end of 31<sup>st</sup> March, 2023 – Regarding

**Reference:**

CRZ Clearance for permission to handle Crude Oil and Petroleum Products connecting Chidambaranar Oil Jetty at Nagore and KPPL jetty by M/s Karaikal Port Private Limited MoEF&CC EC letter No F. No. 11-35/2010-IA.III dated 25th Oct, 2010

Respected Sir,

This has reference to the above stated subject matter (1). In this connection, we would like to bring to your kind attention that Karaikal Port Private Limited (“KPPL”) has undergone corporate insolvency resolution process (“CIRP”) by virtue of the order dated April 29, 2022, passed by the Hon’ble National Company Law Tribunal, Chennai Bench (“NCLT”). In the matter of CIRP process pursuant, to order dated March 31, 2023, NCLT has approved the resolution plan of Adani Ports and Special Economic Zone Limited (“APSEZ”) which was filed by the committee of creditors (“CoC”).

Further, on March 31, 2023 (“Effective Date”), the resolution plan of APSEZ has been implemented and the operation creditors as well as the financial creditors have been paid in accordance with the terms and conditions of the resolution plan. The Company is now a wholly owned subsidiary of the APSEZ and you are requested to kindly take note of the same.

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

**Registered Office**

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

As per the conditions stipulated in Environmental & CRZ Clearance letter (F. No. 11-35/2010-IA.III dated 25<sup>th</sup> Oct, 2010), from Govt of India, Ministry of Environment, Forest and Climate Change IA.III Section (MOEF&CC, IA.III Section), herewith we are submitting the status of compliance reports including results of monitored data for the period of October 2022 to March 2023.

Thanking you,  
Yours faithfully,



(D.Ravi Shankar)

General Manager, Environment

Cc:

- The Regional Director, CPCB Regional Directorate/Project Office, Second Floor, No.77-A, South Avenue Road, Ambattur Industrial Estate, Ambattur Taluk, Thiruvallur District, Chennai 600 058
- The Member Secretary, Puducherry Pollution Control Committee (PPCC), Department of Science, Technology & Environment, 3rd Floor, PHB Building, Anna Nagar, Puducherry 605 005.

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

Registered Office

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

**Ambient Air Quality Monitoring Results for the period of Apr to Sep 2023**

Sl.No	Location	Parameter & Unit	CPCB Standard	Apr-23		May-23		Jun-23		Jul-23		Aug-23		Sep-23	
				19.04.2023 (10.00 AM) to 20.04.2023 (10.00 AM)	20.04.2023 (10.15 AM) to 21.04.2023 (10.15 AM)	18.05.2023 (10.15 AM) to 19.05.2023 (10.15 AM)	19.05.2023 (10.30 AM) to 20.05.2023 (10.30 AM)	22.06.2023 (10.00 AM) to 23.06.2023 (10.00 AM)	23.06.2023 (10.30 AM) to 24.06.2023 (10.30 AM)	18.07.2023 (09.45 AM) to 19.07.2023 (09.45 AM)	19.07.2023 (10.00 AM) to 20.07.2023 (10.00 AM)	21.08.2023 (10.45 AM) to 22.08.2023 (10.45 AM)	22.08.2023 (11.00 AM) to 23.08.2023 (11.00 AM)	19.09.2023 (10.00 AM) to 20.09.2023 (10.00 AM)	20.09.2023 (10.30 AM) to 21.09.2023 (10.30 AM)
1	Lat: N 10° 51'08.8012" Long: E 79° 50'49.0668"	PM10 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>	51.4	52.1	52.1	52.8	52.4	55.1	51.2	52.3	58.5	59.2	57.6	58.8
2		PM2.5 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	22.7	23.4	23.4	23.7	25.7	26.3	24.5	25.9	26.7	26.9	30.4	31.6
3		SO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	9.9	9.8	10.2	10.4	12.4	12.7	13.4	13.5	12.6	12.8	13.2	13.5
4		NO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	12.1	12.2	12.7	12.8	13.9	14.3	14.6	14.3	13.7	14.1	14.7	14.7
5		CO mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL	BDL	BDL	BDL
Sl.No	Location	Parameter & Unit	CPCB Standard	19.04.2023 (10.30 AM) to 20.04.2023 (10.30 AM)	20.04.2023 (10.45 AM) to 21.04.2023 (10.45 AM)	18.05.2023 (10.45 AM) to 19.05.2023 (10.45 AM)	19.05.2023 (11.00 AM) to 19.05.2023 (11.00 AM)	22.06.2023 (10.30 AM) to 23.06.2023 (10.30 AM)	23.06.2023 (11.00 AM) to 24.06.2023 (11.00 AM)	18.07.2023 (10.15 AM) to 19.07.2023 (10.15 AM)	19.07.2023 (10.30 AM) to 20.07.2023 (10.30 AM)	21.08.2023 (11.15 AM) to 22.08.2023 (11.15 AM)	22.08.2023 (11.30 AM) to 23.08.2023 (11.30 AM)	19.09.2023 (10.30 AM) to 20.09.2023 (10.30 AM)	20.09.2023 (11.00 AM) to 21.09.2023 (11.00 AM)
1	Lat: N 10° 50'06.2628" Long: E 79° 50'23.1006"	PM10 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>	64.8	65.9	67.3	68.6	64.5	66.3	68.8	69.7	65.8	67.3	64.1	65.2
2		PM2.5 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	39.6	40.1	37.9	38.4	35.8	37.2	33.6	35.1	31.4	33.7	31.7	32.4
3		SO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	12.8	13.4	13.1	13.4	13.8	14.2	13.5	13.7	13.8	14	14.3	14.2
4		NO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	14.3	14.7	15.4	15.7	15.1	15.6	14.9	15.1	15.2	15.4	16.2	15.9
5		CO mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL	BDL	BDL	BDL
Sl.No	Location	Parameter & Unit	CPCB Standard	19.04.2023 (11.00 AM) to 20.04.2023 (11.00 AM)	20.04.2023 (11.15 AM) to 21.04.2023 (11.15 AM)	18.05.2023 (11.15 AM) to 19.05.2023 (11.15 AM)	19.05.2023 (11.30 AM) to 20.05.2023 (11.30 AM)	22.06.2023 (11.00 AM) to 23.06.2023 (11.00 AM)	23.06.2023 (11.30 AM) to 24.06.2023 (11.30 AM)	18.07.2023 (10.45 AM) to 19.07.2023 (10.45 AM)	19.07.2023 (11.00 AM) to 20.07.2023 (11.00 AM)	21.08.2023 (11.45 AM) to 22.08.2023 (11.45 AM)	22.08.2023 (12.00 PM) to 23.08.2023 (12.00 PM)	19.09.2023 (11.15 AM) to 20.09.2023 (11.15 AM)	20.09.2023 (11.30 AM) to 21.09.2023 (11.30 AM)
1	Lat: N 10°49'20.9676" Long: E 79° 50'23.3772"	PM10 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>	62.3	62.8	63.1	64.8	59.7	62.5	59.5	61.8	62.5	63.8	54.4	55.7
2		PM2.5 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	33.4	34.1	32.9	33.5	29.5	30.7	31.7	33.4	32.6	33.1	28.6	28.9
3		SO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	12.1	12.3	12.7	12.8	13.5	13.8	12.9	13.1	13.4	13.5	13.2	13.5
4		NO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	15.2	15.4	14.9	15.1	15.4	15.9	15.1	15.2	15.6	15.8	15.9	16
5		CO mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL	BDL	BDL	BDL
Sl.No	Location	Parameter & Unit	CPCB Standard	19.04.2023 (11.45 AM) to 20.04.2023 (11.45 AM)	20.04.2023 (12.00 PM) to 21.04.2023 (12.00 PM)	18.05.2023 (11.45 AM) to 19.05.2023 (11.45 AM)	19.05.2023 (12.15 PM) to 20.05.2023 (12.15 PM)	22.06.2023 (11.45 AM) to 23.06.2023 (11.45 AM)	23.06.2023 (12.15 PM) to 24.06.2023 (12.15 PM)	18.07.2023 (11.30 AM) to 19.07.2023 (11.30 AM)	19.07.2023 (12.00 PM) to 20.07.2023 (12.00 PM)	21.08.2023 (12.30 PM) to 22.08.2023 (12.30 PM)	22.08.2023 (1.00 PM) to 23.08.2023 (1.00 PM)	19.09.2023 (11.45 AM) to 20.09.2023 (11.45 AM)	20.09.2023 (12.15 PM) to 21.09.2023 (12.15 PM)
1	Lat: N 10° 49'23.7072" Long: E 79° 50'39.1596"	PM10 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>	50.2	50.1	46.6	47.1	48.5	50.8	46.7	49.0	52.3	52.6	46.1	47.6
2		PM2.5 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	21.1	21.8	22.5	22.4	25.9	26.5	22.5	24.3	26.7	26.9	23.8	24.5
3		SO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	10.8	10.6	10.3	10.7	11.4	11.7	10.7	10.9	11.2	11.4	11.6	11.8
4		NO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	13.7	13.4	12.9	12.9	13.9	14.4	13.2	13.5	13.7	13.6	14.2	14.3
5		CO mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL	BDL	BDL	BDL
Sl.No	Location	Parameter & Unit	CPCB Standard	19.04.2023 (12.15 PM) to 20.04.2023 (12.15 PM)	20.04.2023 (12.30 PM) to 21.04.2023 (12.30 PM)	18.05.2023 (12.15 PM) to 19.05.2023 (12.15 PM)	19.05.2023 (12.45 PM) to 20.05.2023 (12.45 PM)	22.06.2023 (12.30 PM) to 23.06.2023 (12.30 PM)	23.06.2023 (12.45 PM) to 24.06.2023 (12.45 PM)	18.07.2023 (12.00 PM) to 19.07.2023 (12.00 PM)	19.07.2023 (12.30 PM) to 20.07.2023 (12.30 PM)	21.08.2023 (1.00 PM) to 22.08.2023 (1.00 PM)	22.08.2023 (1.30 PM) to 23.08.2023 (1.30 PM)	19.09.2023 (12.30 PM) to 20.09.2023 (12.30 PM)	20.09.2023 (12.45 PM) to 21.09.2023 (12.45 PM)
1	Lat: N 10° 49'20.5860" Long: E 79° 50'46.5684"	PM10 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>	41.8	41.4	39.3	39.7	45.6	47.8	41.1	42.4	49.7	50.8	40.8	43.9
2		PM2.5 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	20.4	20.1	18.5	18.8	22.9	23.4	18.6	19.2	21.5	22.6	19.6	20.7
3		SO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	9.7	9.6	9.1	9.4	10.9	11.3	9.8	10.1	10.4	10.7	10.7	10.9
4		NO2 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	12.5	12.3	11.8	12	12.5	12.9	12.3	12.7	12.8	13	13.7	13.3
5		CO mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	BDL	BDL	BDL	BDL

## Karaikal Port Private Limited Noise Monitoring Results for the period of Apr to Sep 2023

**Sampling Locations: 1. North 2. West . 3. South**

Month		Apr-23			May-23			Jun-23			Jul-23			Aug-23			Sep-23		
Date of Sampling		20.04.2023 to 21.04.2023			19.05.2023 to 20.05.2023			23.06.2023 to 24.06.2023			19.07.2023 to 20.07.2023			22.08.2023 to 23.08.2023			20.09.2023 to 21.09.2023		
S.No	Time	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)	1.Leq dB(A)	2.Leq dB(A)	3.Leq dB(A)
1	07.00 AM	46.3	47.9	47.1	47.3	48.1	47.8	47.1	47.2	48.3	46.5	47.3	47.9	45.3	46.9	52.5	47.6	48.1	47.9
2	8	47.2	48.3	47.6	48.6	49.5	48.2	48.3	48.6	48.9	47.8	49.2	48.3	47.6	48.6	54.7	48.5	49.2	48.5
3	9	48.1	49.8	49.2	49.1	50.3	49.6	48.9	49.5	50.2	48.2	50.1	50.5	50.2	50.2	57.3	48.7	50.6	50.3
4	10	48.3	51.6	50.3	49.3	51.4	50.3	49.1	50.6	50.4	48.9	51.6	51.6	50.9	51.3	58.4	50.1	51.2	51.7
5	11	48.4	51.3	50.1	48.9	51.6	49.5	49.3	50.9	49.3	49.1	51.2	49.1	50.4	52.7	55.9	50.3	51.4	50.6
6	12.00 PM	47.9	51.5	49.6	48.7	51.8	48.6	48.6	51.3	48.1	48.3	50.9	48.2	49.7	52.8	53.7	49.8	51.7	49.5
7	1	48.1	50.8	49.5	48.8	51.1	50.3	48.2	51.7	49.2	47.6	51.4	47.6	49.1	52.4	54.6	48.6	50.9	49.3
8	2	48.6	50.6	48.9	49.0	50.6	51.7	48.8	50.9	50.7	48.1	52.0	49.3	50.3	52.5	54.2	48.5	50.3	49.0
9	3	47.9	51.4	50.1	48.8	50.3	51.0	48.3	50.6	51.4	48.2	51.6	50.7	48.6	51.6	53.7	48.6	51.2	51.2
10	4	47.5	52.1	50.3	48.5	51.2	50.6	48	50.7	50.3	47.7	50.9	49.8	49.9	50.7	51.9	49.1	51.6	50.7
11	5	47.1	52.3	51.7	48.9	52.0	51.2	48.6	51.3	50.9	47.9	51.7	49.3	49.2	50.9	50.2	49.7	52.3	50.5
12	6	48.3	52.7	52.4	48.6	52.3	52.7	49.1	51.9	51.8	48.5	52.4	50.9	52.4	51.4	53.8	50.2	52.7	51.4
13	7	48.1	51.4	52.9	49.1	51.9	53.0	48.7	51.6	52.6	48.2	52.1	51.7	51.5	52.2	55.4	49.6	51.4	52.8
14	8	47.9	50.2	53.5	49.3	51.2	53.2	48.9	50.8	52.9	48.0	51.4	52.6	50.6	51.6	57.2	49.1	50.1	53.4
15	9	47.2	50.3	53.1	48.7	50.8	52.8	48.2	49.7	52.3	47.6	50.2	51.9	49.3	50.3	58.9	48.2	48.6	53.7
16	10	46.3	49.7	51.6	46.3	49.3	51.3	47.5	49.2	50.9	46.4	49.5	51.2	47.5	48.5	52.6	47.9	47.9	51.9
17	11	45.8	49.1	49.1	46.1	48.6	48.9	46.3	48.3	48.2	45.9	47.8	48.5	47.3	48.1	49.7	46.8	47.2	48.6
18	12.00 AM	45.1	48.5	46.3	45.2	47.5	46.7	44.9	47.9	46.9	44.7	46.5	45.8	48.2	47.3	45.3	45.1	46.5	45.1
19	1	44.6	47.6	43.5	43.8	45.3	44.1	44.2	46.2	43.7	44.0	45.7	43.9	46.9	46.8	42.8	44.3	45.3	44.3
20	2	44.2	47.0	42.9	43.9	45.1	43.5	44	45.5	43.5	43.8	44.9	43.1	45.2	45.3	41.2	43.8	44.8	43.2
21	3	43.7	46.2	42.5	43.5	44.6	43.0	43.6	44.2	42.9	43.2	44.1	42.8	44.7	44.2	39.7	43.5	44.2	42.9
22	4	43.2	45.5	42.0	43.9	45.2	42.8	43.2	43.9	43.8	43.1	44.2	43.3	43.9	43.7	41.6	42.7	45.1	42.7
23	5	44.5	44.9	44.6	44.8	45.8	43.5	43.9	44.8	44.2	44.5	45.4	43.7	43.5	44.1	45.3	44.5	46.7	44.8
24	6	46.1	46.7	46.9	46.9	47.4	46.6	45.5	46.5	45.9	46.7	47.5	44.9	45.1	46.3	50.8	45.9	46.8	46.1



ISO 9001  
ISO 14001  
ISO 45001  
ISO 50001

Ref No: KPPL/ENV/PPCC/AES/2023/01

Date: 03.03.2023

To

**The Member Secretary,**

Puducherry Pollution Control Committee,  
Department of Science, Technology & Environment,  
Puducherry – 605 005.

Sub: Submission of Annual Environmental Statement in Form V for the Financial Year 2022-23

Respected Sir

Please find attached an Annual Environmental Statement in Form V for the financial year ending 31<sup>st</sup> March 2023.

Thanking you.

Yours Sincerely,

(D.Ravi Shankar)  
General Manager, Environment

Encl: Annual Environmental Statement Form V: 2022-23

Cc:

The Regional Officer, Integrated Regional Office, Ministry of Environment, Forest & Climate Change (MoEF&CC), 1<sup>st</sup> Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road, Nungambakkam -600006

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

**Registered Office**

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

[www.karaikalport.com](http://www.karaikalport.com)

**ENVIRONMENTAL STATEMENTS****FORM – V  
(See Rule 14)**

The Ministry of Environment & Forest vide its notification dated 13<sup>th</sup> March, 1992 directed all industries which need to have consent under Water (Prevention & Control of Pollution) 1974 and Air (Prevention & Control of Pollution) 1981 to file the environmental statement every year. This is to be filed for the period ending March by September every year. The format for the same is as follows:

Environmental Statement for the financial year ending the 31<sup>st</sup> March, 2023

**PART – A**

- i.** Name and Address of the owner/occupier of the industry operation or process.

Karaikal Port Private Limited,  
Keezhvanjore Village  
T.R.Pattinam – 609606  
Phone: +91 4365 256600  
Fax: +91 4365 256603

- ii.** Industry category Primary : **Infrastructure**(4400) ; Secondary : **Minor Port**  
(SIC Code)

- iii.** Production capacity 21.5MMTPA(Handling Capacity)

Cargo Quantity is 17.5 MMTPA (Coal 10 MMTPA+General Cargo 3.5 MMTPA +Crude & Petroleum 1 MMTPA+Edible Oil 0.5 MMTPA + Sand 1 MMTPA + Cement in Bulk 0.5 MMTPA+ LNG 1 MMTPA) as per the Consent from Puducherry Pollution Control Committee.

- iv.** Year of Establishment:2006 with the issue of EC. Port operations started in the year 2009.

- v.** Date of the last environmental statement submitted, 07.04.2022



**PART – B**

Water and Raw Material Consumption

- i. Water consumption m<sup>3</sup> / day:350 KL(Domestic, Supply to Ships, Gardening, Fire Service & Pollution Control & Miscellaneous) as per the water consent order.

Process : Effluent & Sewage Treatment Plants, Gardening, Miscellaneous consented quantity is 150 KLD

Cooling : Pollution Control (Dust Suppressions), Fire Services consented quantity is 160 KLD

Domestic : 40 KLD

Name of Products	Process water consumption per unit of product output.	
	During the previous financial year	During the Current financial year
	(1)	(2)
No manufacturing activities are carried out and therefore this table is not applicable. The Port activity does not involve any product to be generated except for the operation of the port in material handling. Hence there is no water consumption per product generated. However the water is consumed for the purposes as mentioned above.		

- ii. Raw Material Consumption

*Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the previous financial year	During the Current financial year
No manufacturing activities are carried out and therefore this table is not applicable. The Port activity does not consume any raw materials and make any products. It is a Port infrastructure project. Hence there is no consumption of raw material involved.			

**PART – C**

Pollutants discharged to environment / unit of output

(Parameter as specified in the consent issued).

Pollutants		Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a)	<b>Water</b>	No pollutant is discharged for operation of the port project.	Nil	Nil
(b)	<b>Air</b> (Ambient air pollutants at the site)	Not applicable  No manufacturing activities are carried out.		No variations (Pollutants values are under prescribed standards of PPCC/CPCB)
	PM <sub>10</sub>		60.8 µg/m <sup>3</sup>	
	PM <sub>2.5</sub>		31.2µg/m <sup>3</sup>	
	SO <sub>2</sub>		13 µg/m <sup>3</sup>	
	NO <sub>2</sub>		15.5 µg/m <sup>3</sup>	
	CO		Below Detectable Limit (Detectable limit is 1 mg/m <sup>3</sup> )	

**PART – D**

**Hazardous Wastes**

(as specified under Hazardous Waste Management and Handling Rules, 2016)

Hazardous Waste		Total Quantity (Kg.)	
		During the year 2021-22	During the current 2022-23
(a)	From process (Heavy equipment such as the Front end Loaders and other earth moving equipment)	1. Used Oil– No disposal to registered recyclers.	1. Used Oil– No disposal to registered recyclers –
(b)	From pollution control facilities	2. Waste Residue containing oil – 2.11 TPA were disposed to the registered recyclers.	Accumulated & Generated Qty -12700 (61 barrels approx.)
		3.Oily Bilge Water&4. Oil Residues from ships – No disposal	2. Waste Residue containing oil – No disposal - Accumulated & Generated Qty -0.9 Ton

			(192 Filters approx..) Sludge and Filters contaminated with Oil from Ships – 108.2 to Southern Petro Coal; Battery – No disposal – Accumulated & Generated 182 Numbers
--	--	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**PART – E**

**Solid Wastes**

Solid Waste		Total Quantity (Kg.)	
		During the FY 2021-22	During the FY 2022-23
(a)	From process	Processes from this Project activity does not generate any Solid Waste	
(b)	From pollution control facilities	Nil	Nil
(c)	(1) Quantity recycled or re-utilized within the unit	850 Kg/Annum	988 Kg/Annum
	(2) Sold	Nil	Nil
	(3) Disposed	72326 Kg/Annum	58420 Kg/Annum

Sources of Solid Waste generation are from Labour Canteen - Kitchen, Garden and Admin Office Buildings. All the recyclable waste such as Paper, Plastics are disposed as per the Solid Waste Management Rules, 2016. Biodegradable waste such as Kitchen & Garden waste are composted as manure through vermi composting method. The manure is being used for the Development of Green Belt & in the Nursery.

**PART – F**

**Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

Karaikal Port generates both Bio-degradable and Non-Biodegradable Waste. Wastes generated from Kitchen, Office Buildings and Green Belt Area are bio-degradable wastes. Non Bio-degradable Hazardous waste generated from material handling systems and equipment's categorized as used oil or spent oil, waste containing oil including foam pigs. Ship related waste such as sludge containing oil, sludge and filter contaminated with oil, Ballast Water containing oil from ships are also falls under Hazardous Waste Category.

All Bio-Degradable wastes are segregated at source and the wastes which are recyclable sent as per the Solid Waste Management Rules, 2016. Wastes which are used for composting to convert in to manure and used for Horticulture and Green Belt Development.

Hazardous Waste is being disposed to the registered recyclers as per the Hazardous Waste Management Rules, 2016.

**PART – G**

**Impact of the pollution abatement measures taken up on conservation of natural resources and on the cost of production.**

Dust Suppression System: Dry Fog Dust Suppression (DFDS), Water Sprinklers, Road Wetting by dedicated Water Tankers and Tractors were installed for controlling fugitive dust emissions during bulk cargo handling which is pre-dominantly coal.

Dust Containment System: Windscreen all along the Coal Yard & Railway siding at a height of 15M to capture the air-borne dust to handling of coal.

Sewage Treatment Plant: STP of capacity 25 KL/Day have been installed to collect wash-water and kitchen water, sewage and treated using physico-chemical and biological treatment. The treated sewage has been recycled for Green Belt Development thus replacing the freshwater requirement for Green Belt Requirements.

Vehicle Wash Treatment Plants: Vehicle Wash water is collected and treated for physico-chemical treatment and the water is reused.

Tyre wash system installed for outbound coal cargo truck is in place where the wash-water after treatment is reused back in to system

For collection of rainwater during monsoon and other season, rain water harvesting pond developed at 3 locations in the port Premises

Contour bund along the arterial road inside the port have been developed for a length of 1000m which will retain and regulate the water to the green belt areas.

Guard Pond covering the open stock yard inside the port to collect runoff water has been developed at Mechanization Area.

Green Belt & Horticulture Development: Port has planted more than 2, 72,650 trees since 2010

Environment Health and Safety Department: - General Manager – Environment head the Department supported with Senior Manager, Deputy Manager, Executives. The key functions of the Department are to demonstration of environmental compliance for EC, Consent to Operate Conditions issued under Air and Water Act, Compliance to Authorization obtained under Hazardous & Other Wastes (Management and Handling) Rules, 2016. It involves operation and maintenance of Pollution Control System installed for control of fugitive dust emissions, washwater treatment, sewage treatment plant. It develops and implement the waste management system for Solid Waste, Plastic Waste and Battery Waste Rules and ensure for its compliance. 3 Continuous Ambient Air Quality Monitoring Stations installed at Port Premises for Particulate Matter (PM<sub>2.5</sub>, PM<sub>10</sub> and CO) and Gaseous Emission on 24x7 for 365 days. The server connected to PPCC Server for continuous monitoring and surveillance.

Separate Horticulture and Green Belt Development functions for making port greenery and develop in-house for seedlings, saplings for tree plantation. 30 Womens from adjoining villages are engaged for this purpose and received training on Horticulture and daily earnings have been ensured based on the flower sold locally generated from Nursery and Garden.

Waste generated from Port premises such as tree cuttings, leaf are sent for mulching, soil collected on roads are used for nursery growth, plastic rope trimmings used for tarpaulin cover for truck and rail wagon used for tying tree protection fencing, cut thorny bushes has been reused for protection of small shrubs, plants from Live Stocks thus ensuring sustainable waste management practices.

## **PART – H**

### **Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.**

- Efficient water spraying methods have been erected and commissioned such as the high pressure water monitors and water sprayer machines.
- Dust Suppression System Sprinklers have been installed at mechanized coal yard
- Dry Fog Dust Suppression System installed at Transfer Tower located at Material Handling System

- Road Sweeping Machine deployed for collection of road side dust
- Road Wetting done through dedicated water tankers for maintaining the road in wet condition to prevent settled road dust emission gets air-borne.

Effective Environmental Management Plan have been put in place and monitored through 24x7 ( 3 shifts) through deployment of manpower for monitoring and control of fugitive dust emission thus ensuring the Ambient Air Quality in and around the port premises meeting the norms and standards prescribed by PPCC.

Mechanized Coal Handling System comprises of the following

1. Ship Unloaders
2. Stacker and Reclamier
3. Truck Loading System
4. Wagon Loading System
5. Conveyor System Package

The above system have been commissioned during October 2018 for efficient discharge of coal from ship and deliver to rail wagon through wagon loading system. It is considered as energy efficient, environment friendly operation, cost effective, productive and clean operation. This has prevented the manual handling of coal right from the ship to rail wagon thus eliminating fugitive dust emission and thereby compliance to the conditions stipulated by PPCC and MoEF&CC – Environmental Clearance.

#### **PART – I**

##### **Any other particulars for improving the quality of the environment.**

- Green Belt Development being implemented on a regular basis. Various variety such as Pungam, Casuarinas, Ashoka, Conocarpus etc., are planted in suitable location. Around 78 species are being maintained in & around Port.
- Wind Screens all along the Coal Yards were strengthened.



ISO 9001  
ISO 14001  
ISO 50001  
OHSAS 18001

KPPL/ ENV/ MoEF&CC/2020/02

29.06.2020

To

Additional Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forests and Climate Change,  
Regional Office (SEZ),  
Chennai – 34

Sub: CRZ clearance for permission to handle crude oil and petroleum products connecting Chidambaranar Oil Jetty at Nagore and KPPL jetty by M/s Karaikal Port Private Limited vide the MoEF&CC letter of No F. No. 11-35/2010-IA.III dated 25<sup>th</sup> Oct, 2010 – Project Completion Regarding

Ref: MoEF&CC : CRZ Letter No F. No. 11-35/2010-IA.III dated 25th Oct, 2010

Sir,

Karaikal Port Private Limited has been accorded CRZ clearance for permission to handle Crude Oil and Petroleum Products connecting Chidambaranar Oil Jetty at Nagore and KPPL jetty by M/s Karaikal Port Private Limited vide the MoEF&CC letter of No F. No. 11-35/2010-IA.III dated 25th Oct, 2010 from Govt of India (Gol), Ministry of Environment, Forest and Climate Change (MoEF&CC).

With reference to the above subject, it is informed that, Karaikal Port Private Limited has completed the said Project as stipulated in the CRZ Clearance letter (No.10 - 42/2009 - IA – III, dated 22.09.2009) issued by Gol, MoEF&CC.

The said Project has been completed and operations have started.

We have been submitting six monthly compliance reports on the General & Specific conditions stipulated in the said CRZ Clearance regularly. We will continue the same.

Thanking you,

Yours faithfully,

(Capt. Vijay Nicodemus)

Chief Operating Officer

**KARAIKAL PORT PRIVATE LIMITED**

CIN: U45203PY2006PTC001945

**Registered Office**

Kheezhavanjoor Village, T.R. Pattinam, PB No. 33, Karaikal - 609 606. Tel. : +91 4365 256600 (5 Lines) Fax : +91 4365 256603

**Corporate Office**

New No.145 (Old No. 81) Royapettah High Road, Mylapore, Chennai - 600 004.Landmark -Tiruvalluvar Statue Bus Stop.

Tel : +91 44-4562 2000Fax : +91 44-4562 2080

[www.karaikalport.com](http://www.karaikalport.com)