

1.48 MW WARTSILA Make HFO Based Captive Power Plant (with accessories)



DATE OF COMMISSIONING
08.09.2004
MODEL :W9L-20

Engine Shaft Output :1548 KW
Alternator Output :1852 KVA
Engine Speed :1000 RPM
ENGINE RUNNING HOURS – 41733hrs
OEM BY WARTSILA FINLAND
Installation Type – Stationary Engine
Fitted with single base frame loaded
on Spring Base Supports.

2)



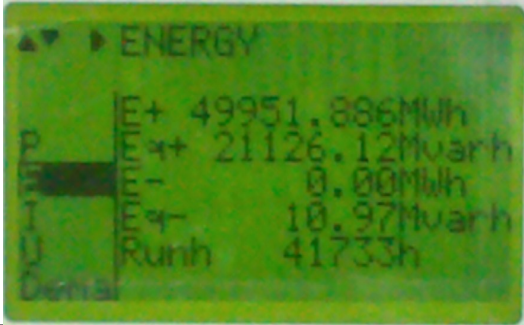
Engine mounted PHE & charger air cooler

3)



ENGINE NAME PLATE DETAILS


4) Running hrs

	Engine running hr:41733hrs
---	----------------------------

5)Alternator

	<p>ALTERNATOR</p> <p>Make : AVK Type : DIG 130k/6 KVA : 1852</p> <p>Self Excited with Rotating Bridge diodes</p>
---	--

6) Booster and feeder unit

	<p>Fuel Feeder Booster unit Make: Wartsila India Ltd</p>
--	--

7)Lbe oil seperator

	<p>Lube Oil Separator</p> <p>Make : ALFA LAVAL Model : MMPX 403 SGP-11</p>
---	--

8) HFO seperator



Fuel Oil Separator

Make : ALFA LAVAL
Model : PA-600

9) Tank Farm



1) HFO Storage Tank

Capacity : 100 KL

2) HFO Day Tank

Capacity : 50 KL

3) Sludge Tank

Capacity : 10 KL

10) Charge air filter



CHARGE AIR FILTER

Make : AAF

11) Radiator



RADIATOR
Make : Coil company
Model : FCW220

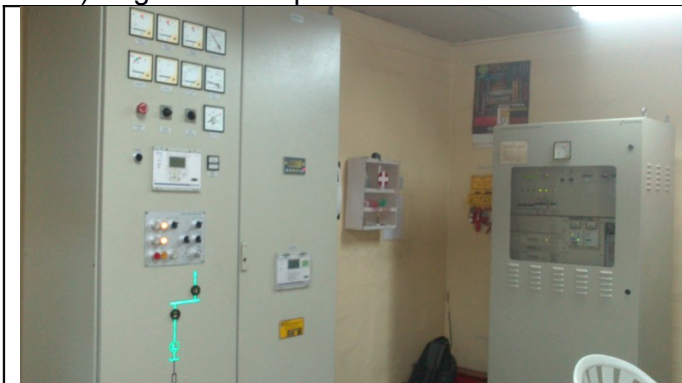
12) Return fuel unit



RETURN FUEL UNIT

Make : WARTSILA india limited

13) Engine control paner



1) ENGINE CONTROL PANEL
(CFC_011)

2) BATTERY CHARGER UNIT
Make: AMARARAJA
Rating 100AH

14) Diesel Tank



HSD TANK

Capacity : 1000 Litres

15) chimney



Structural support chimney

16) PCC panel



LV POWER DISTRIBUTION PANEL

17) Starting air compressor



MAKE : Ingersoll rand
MOEL:7T2

18) Inoming & Out going Breaker



MAKE: ABB
TYPE: SF6