



Inspection Report

The following is the site visit report for the MAN units.

The engines are stored inside the warehouse together with the alternators.

The original plant use to have eight (8) units, four (4) were sold in 1998. For the day of commissioning 1986 to last day full operation 1998, the units were running only 2 units at a time every 2 days. The plant never dispatched at full load by using all 8 units. Due to legal problems between utility and local governments, the units only run 20 hours since 2001. The technical description of the power plant is as follows:

ENGINE MANUFACTURER: MAN B&W
ENGINE MODEL: 16 V 40/45
RPM: 600
MODEL YEAR: 1986
SERVICE HOURS SINCE NEW: 36,000 / 42,000

RATE KW: 9680
FUEL TYPE: HFO

GENERATOR MANUFACTURE: Siemens
GENERATOR MODEL: 1DK-5037-3 DS JS
KVA: 11676
VOLTAGE: 11000
FREQUENCY: 50 HZ
AMPERAGE: 616
GENSET ON CONCRETE FOUNDATION

MECHANICAL SYSTEM
STARING SYSTEM - COMPRESSED AIR SYSTEM
Starting Air Compressor
CHARGE AIR SYSTEM
Air filter
Ducting
COOLING WATER SYSTEM
Raw Water Pump only
FUEL SYSTEM
DFO SYSTEM
Pressure Pump only
HFO SYSTEM
HFO Separator Unit
LUBRICATION OIL SYSTEM



Browns Equipment Trader **Brown's Equipment Trader, LLC**

13370 SW 131st Street Suite 101

Miami, FL 33186

Ph. 305 235 4474 Fax. 305 235 4475

www.brownequipment.com

Circulation System and Sludge Pump
Lube pre-heater units
Lubrication Oil Service separator unit
Lubrication Oil heat exchanger / lube oil cooler
Lube Filter Duplex
Lube Oil service tanks
HEAT RECOVERY SYSTEM
Steam Exhaust Boiler

ELECTRICAL SYSTEM

MAIN SWITCH GEAR is dismantled, however we should not consider the panel as a good option.

Low voltage switchboard dismantled, however we should not consider the panel as a good option.

SPARE PARTS No spare parts available

TOOLS No tools available

MANUALS: One complete set of manuals (binders) is available ad also a Incomplete set of Maintenance Logs.

RECOMMENDATIONS: Due to the fact that the engine ran only few hours for the last 5 years, buyer should perform a visual inspection of the internal engines component such piston, liners, crankshaft bearings and rod bearings.

Also buyer shall consider overhaul the units to improve performance.

Giovanni Antonietta

Giovanni Antoinietta

Project Manager

Browns Equipment Trader, LLC.

13370 SW 131 St, Suite 101

Miami, Fl 33186

Ph:(305) 235 4474 ext 301

Fax:(305) 235 4475

Email:gantonietta@brownequipment.com

Website:www.brownequipment.com
