



Grand Bahama Shipyard Limited

ELECTRIC MOTOR OVERHAUL

Grand Bahama Shipyard Limited has the capacity to overhaul and rewind electric motors in the ranges noted below.

For enquiries and bookings please contact:

Alandka Julien, Sales Administrator +1 242 350-4071 / ajulien@gbshipyard.com

For more information about GBSL services visit www.grandbahamashipyard.com

<u>HP</u>	<u>kW</u>
≤ 10	≤ 7.5
11 to 50	8 to 37
51 to 100	38 to 75
101 to 150	76 to 112
151 to 200	113 to 149

Overhaul process includes, but is not limited to:
motor removal from the vessel, transportation to the workshop,
stripping of the motor in the workshop, solvent cleaning
of rotor and stator, coating with insulation varnish and oven baking.

Re-winding will be done with round wire and for 3-phase motor
stators to class F insulation.

Motor will be subject to a Megger Test, once approved, then the motor
will be re-assembled, tested, returned and installed on the vessel.



Grand Bahama Shipyard Limited is located in Freeport, Grand Bahama, Bahamas approximately 93 nm east of Miami, Florida. **GBSL** can accommodate vessels up to 82,500 tonnes and over 300 m in length.

	Floating Dock #1	Floating Dock #2	Floating Dock #3	Finger Pier	North Beach Wharf
Overall Length	268.3 m (880 ft)	300 m (985 ft)	310 m (1017 ft)	300 m (985 ft)	300 m (985 ft)
Breadth between Wing Walls	33.5 m (115 ft)	58.5 m (192 ft)	54.6 m (179 ft)	—	—
Maximum Vessel Draft	6.5 m (21 ft)	8.5 m (27 ft)	8.5 m (27 ft)	14 m (42 ft)	14 m (42 ft)
Maximum Water Depth	—	—	—	16 m (48 ft)	20 m (60 ft)
Thruster Pits	—	—	—	—	4 x 24 m pits
Dock Lifting Capacity	27,000 tonnes	82,500 tonnes	50,000 tonnes	—	—
Number of Cranes	2 dock cranes	4 dock cranes	2 dock cranes	1 dock crane	3 mobile cranes
Crane Capacity	2 x 20 tonnes	2 x 24 tonnes 1 x 26 tonnes 1 x 32 tonnes	2 x 40 tonnes	1 x 16 tonnes	1 x 20 tonnes 1 x 175 tonnes 1 x 300 tonnes

Facilities

3 Floating Drydocks
2 Wharfs with Lay-Down Areas
1 Fully Serviced Pier
Grey and Black Water Reception
Interior and Exterior Storage
Life Boat Repair

Services

Drydocking and Afloat Repairs
Steel and Pipe Fabrication /Repair
Interior/Exterior Blasting and Coating
Electric Motor Overhaul
Cabin and Public Space Installations
Naval Architects and Engineers

Riding Squads
Life Boat Repairs
Insulation Replacement
Main Engine Overhaul Capability
Aluminum Fabrication/Repair
HVAC Fabrication/Replacement

Workshops

Steel and Pipe
Mechanical, Carpentry
Electrical with baking ovens
and rewind capabilities
LNG Clean Room
Clean Room for thruster overhaul

Lloyd's Register (LRQA) CERTIFICATIONS: OHSAS 18001 / ISO 14001 / ISO 9001
I.S.P.S. Compliant / GTT APPROVED

Grand Bahama Shipyard

L I M I T E D

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