

The Moss Test Hall



The Moss test hall is the only one of its kind in the world today. It's purpose built for performance testing of the largest inert gas systems in demand.

Due to its special equipment it may, however, be used also for testing of other equipment. 440 volt, 60 Hz electric power and access to sea water are among its most important features.



Testing of a dual fuel inert gas generator for a Floating Storage Oil Tanker (FSO). The system comprises 2 generators of 10,000 Nm³/h capacity. The generators can burn marine diesel oil or natural gas.



Testing of an inert gas generator with cooling drier and absorption drier for an LNG carrier. 14,000 Nm³/h inert gas with dew point -45°C

Test Hall Data

Size of Building

length x breadth x height = 30m x 15m x 13m

Gate

breadth x height = 8m x 10m

Traverse Crane

10 tons, maximum height under hook: 10m

Electric Power

3 phase 400V, 50Hz, 700kW or

3 phase 440V, 60Hz, 880kW

1 phase 230V, 50Hz

Sea Water System

1 pump, 850 m³/h, 3 bar g

1 pump, 300 m³/h, 3 bar g

Fresh Water Cooling System

1 fresh water pump, 1,26 m³/h, 2,2 bar g

1 heat exchanger 160 m³/h (sea water cooling)

Fuel Oil System

1 pump 1,26 m³/h, 25 bar g for marine distillate fuels

1 pump 1,26 m³/h, 25 bar g for marine residual fuels

1 heater 1,26 m³/h for heavy fuel

Working Air System

1 compressor, 210 Nm³/h, 14 bar g

1 compressor with drier, 1,5 Nm³/h, 10 bar g, dew point -20°C



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The manufacturers reserve the right to alter the specification and data to incorporate improvements in design. Certified drawings will be issued on request.

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