



GACY MARINE SERVICE: Is your one-stop repair and service provider!

GACY MARINE SERVICE: Provides you with first class trained service engineers and technicians on st-by to support you 24/7/365 days!

- ◆ **Hydraulic system and equipment repairing and maintenance, including crane hydraulic system, hatch cover hydraulic system, mooring winch and windlass hydraulic system, Ro-Ro ship ramp hydraulic system, etc. hydraulic pumps, hydraulic motors, hydraulic cylinders, directional valves, etc.**
- ◆ **Boiler services, including boiler tube and plate repair. With the approval of LR & NK class for WPS and welders.**
- ◆ **Firefighting equipment and life-saving appliances service and repair, including lifeboat/rescue boat with launching appliances service, life rafts services, fixed and portable fire extinguishing equipment, EEBD, SCBA services, etc.**
- ◆ **Main & Auxiliary Engine, full overhaul including parts like attached fuel, cooling water pumps etc.**
- ◆ **Automation, Electrical and Pneumatic overhauls and fault tracing, for Main Engine Pneumatic System, air circuit breaker, calibration of remote suction and discharge receiver gauges, and pneumatic pressure transmitters e.g. NAKAKITA etc.**
- ◆ **Steel structure and pipelines repairing, modification and fabrication. With LR class approved WPS welding procedure and welder certificate.**
- ◆ **Riding team with passport and seaman's book sailing with vessel between ports in China and overseas.**





HYDRAULIC SYSTEMS

Hydraulic systems, equipment troubleshooting and maintenance service are one of the key services which GACY is able to provide to our valued customers, with one team consists of skilled and professional hydraulic service engineers with vast experience and competence.

During the last several years, GACY has provided the same services for any vessels of different customers.

To meet customer requirements GACY has in now opened an additional Hydraulic workshop in Singapore!



Windlass Hyd. motor Over-Haul



Windlass Hyd. V/V block OH



Hatch cover Hyd. Cylinder OH



Hatch cover Hyd. Cylinder OH



Hatch cover Hyd. Cylinder OH



Cargo Crane hydraulic service



Troubleshooting & Overhaul



Steering Gear Overhaul



Ramp Hyd. Hose fabrication





HYDRAULIC SYSTEMS

Boiler service is one of the key services which GACY MARINE is able to provide for vessels of the valued customers. This service mainly includes boiler tube repair or replacement, tube sheet and boiler body repair, etc. We have already obtained WPS and welder qualification certificates from ABS, LR, NKK and DNVGL class. BV, is in process.

Below some illustrations for this service.



Troubleshooting & Overhaul



Tubes replacement-Fire side



Tube sheet repair



Welding of the tubes



Welding of the tubes



Welding of the tubes



Tubes replacement-Water side



Tubes replacement-Water side



Tube sheet welding





MAIN & AUXILIARY ENGINE OVERHAUL

GACY MARINE is a professional service provider for Main Engine & Aux. Engine overhaul. We carry out the overhaul services by following the instruction and procedure strictly of engine's maker, taking the advantage of much same experience on our professional staff for various brand and types of diesel engines. We can arrange overhaul during vessel's alongside port and shipyard, or sailing with vessel between ports in China and overseas, with passport and seaman's books. Additionally, we can carry out ME Pneumatic system service.

GACY MARINE is a preferred services provider for MAIN & AUXILLIARY ENGINE OVERHAUL .



ME cylinder head dismantling



ME cylinder liner cleaning



ME cylinder liner measurement



ME fuel pump OH



ME fuel pump OH



AE cylinder head dismantling



AE Piston cleaning/calibration



AE conrod ovality check



AE cylinder head OH





STEEL STRUCTURES/PIPELINE

Steel structure and pipeline repairing services is one of the major services that GACY MARINE is pleased to provide to our customers.

We use hi-tech equipment and premium quality raw material with class approval certificates.

We have obtained WPS welding procedure and welder qualification certificate from ABS ,LRS ,NKK ,DNVGL class.



Hatch cover repair



Hull shell plate repair



Void space repair



BWT damage repair



Panama canal modification



Flow meter installation



Fuel piping modification



Sea water pipe fabrication



Sewage piping modification





HYDRAULIC & PNEUMATIC controller service

GACY MARINE SERVICE Automation, Electrical and Pneumatic overhauls and fault tracing, for Main Engine Pneumatic System



ME Pneumatic System service



ME Pneumatic System service



Fixed CO2 system service

FFE & LSA services

GACY MARINE SERVICE can also provide FFE & LSA annual or 5-yearly services

1. Fire fighting system and equipment services, including fixed fire fighting system, fire extinguishers, foam applicators, SCBA, EEBD, Medical oxygen devices, etc. With ABS, KR, DNVGL, BV, NKK, LR, CCS. Approval Cert
2. Lifeboat/rescue boat with launching and recovery appliances services. With KR, DNVGL,NK approval Cert.



Lifeboat inspection service



Lifeboat repair service



Fixed CO2 system service



Fire extinguisher service



Breathing apparatus service



EEBD service

