



AMAR MARINE ENTERPRISES

Rooted Expertise to Leverage your Profitability.

**LIFE SAVING
APPLIANCES**

**FIRE FIGHTING
APPLIANCES**

**LOAD TESTING
LOOSE GEAR**

**PRESSURE TESTING
OF GAS CYLINDERS**

and much more.

www.amarmarine.com



AMAR MARINE ENTERPRISES

IT IS THE NICHE MARKET within the Shipping & Engineering Industry in which "AMAR GROUP OF COMPANIES" chooses to take the lead with recognition amongst persons and earn accolades from Customers.

There commenced an endless paradigm of an exotic journey, backed by an entrepreneur of exemplary caliber. The group grew stronger and ascended from conditions to reality. "Amar Group Of Companies" with its following eminent concerns is committed for raising industrial standards continually in area of specialization with unique and dedicated approach.

Amar Marine Enterprises is the most modern integrated company located at Mangalore in the field of Marine/Industrial Maintenance and Services.

The Company started with a humble beginning in the name of "Amar Marine Enterprises" in year 1988, as a Proprietary firm promoted by Mr. Amarnath. The Company has earned reputation for expertise and findings which are in conformity with the highest traditions for

- "Ship repair services relating to Machinery, Hull, Steel Renewal – pipeline overhaul and renewal, pump overhaul and repair and Electrical Equipment.
- Scaffolding, Blasting & Coating.
- Inspection, Testing & Certification of Firefighting Appliances, Marine Lifting Appliances & Immersion Suits.
- Servicing of Inflatable Life-Rafts and Rescue Boats.
- Periodical Inspection and Hydraulic Testing with Certification of high-pressure gas cylinders".
- Industrial jobs viz., Blasting and as Authorised Paint Applicators

The company got the Ship Chandlers Licence in year 1998.

In the year 2004 the company established itself as a partnership firm.

Amar Marine Suppliers as trader was established in 2005.



LIFE SAVING APPLIANCES

Ships and other watercraft carry life saving appliances including lifeboats, lifebuoys, life-jackets, life raft and many others. Passengers and crew are informed of their availability in case of emergency. Life-saving appliances are mandatory as per chapter 3 of the SOLAS Convention.

Amar marine enterprises now conduct periodic inspection and service of Life Saving Appliances like Immersion Suits, Lifejackets, Life-rafts etc. Hence our Customers can now demand and expect international service standards at their doorstep. At Amar marine enterprises, our LSA services strictly adhere to IMO and CLASS regulations. We only use Original Equipment Manufacturer's (OEM) spares when servicing Life Saving Appliances at our workstation or on board a vessel. Our engineers are trained and certified by the OEM.

Amar marine enterprises has a detailed procedure for LSA servicing to maintain highest quality standards. The servicing includes cleaning, inside and outside inspections, repair work and replacements of equipment (if needed).

Amar marine enterprises is capable of carrying out services for following lifesaving appliances:

- Lifebuoys
- Life Jackets
- Immersion suits, anti-exposure suits and thermal protective aids
- Lifeboats & launching appliances
- Life-rafts
- Rescue boats
- Rocket parachute flares
- Hand flares
- Buoyant smoke signals
- Launching and embarkation appliances
- Line-throwing appliances





FIRE FIGHTING APPLIANCES

Of all the dangers at sea, one of the most frightening is fire, difficult to deal with and devastating is its effects. The international regulations governing safety at sea get tougher every year and shipowners and operators are becoming more aware of the need for compliance to established standards for safety equipment and systems.

Today, large proportion of expenditure is on safety of life at sea, thus, it is imperative that measures be taken to ensure that Firefighting equipment is maintained and cared for by the dedicated team workers in order to ensure maximum protection and safety. Amar Marine Enterprises undertakes complete service, maintenance and re-certification of fixed and portable systems as per SOLAS/IMO regulations. We carry out periodic inspections, follow OEM maintenance plans and certify firefighting equipment for use. Our technicians/service engineers are trained and available on call to attend service requests on site. Our service facilities are equipped and approved by classification societies.

Amar marine enterprises is capable of carrying out services for following firefighting appliances:

- Portable/semi-portable Fire Extinguishers
- Portable Foam applicators
- Breathing Apparatus
- SCBA
- EEBD
- BA Compressor air quality test
- Medical oxygen cylinder and resuscitators
- Fixed firefighting systems
- Fixed CO2 System
- Fixed Foam System
- Fixed DCP System
- Water mist, water spray and sprinkler system
- Fixed fire/smoke detection and alarm system
- Galley wet chemical and galley CO2 system
- Fireman's Outfit locker
- Foam sample analysis





LOAD TESTING LOOSE GEAR

Lifting equipment can be subjected to operational and environmental conditions which may affect its safe working characteristics. Therefore, it requires that lifting equipment is properly maintained and safe to operate at all times. To ensure that, it requires pre-use inspections and interim inspections at suitable intervals by a Competent Person followed by load testing. Amar marine enterprises is capable of carrying out dynamic - static load tests for,

- Lifeboat / Rescue Boat / Freefall Davits
- Provision Cranes
- Deck cranes/cargo handling cranes
- Engine room cranes/gantry cranes
- Hose handling cranes
- Grabs/Spreaders
- Gangways and accommodation ladders
- Hoists and chain block pulleys
- A-frames and beams
- Winches
- Lifting accessories such as lifting slings, lifting belts, turn buckles, D-shackles, rings, swivels, clamps, hooks, pad eyes, bolts etc.

Amar marine enterprises is well equipped with the infrastructure and technical expertise to inspect, test and endorse all lifting appliances and loose gears, as per Dock Workers (Safety, Health and Welfare) Regulations. We test your cranes by using dead weights & water bags of required capacities. We measure the weight by special wireless calibrated dynamometers. All our services comply with national rules and regulations, client-specific requirements and manufacturer's recommendations.





PRESSURE TESTING OF GAS CYLINDERS

Hydrostatic Testing is a non-destructive test procedure used to check cylinders for leaks, structural flaws, durability, and corrosion. It is used to check a cylinder's structural integrity. Two methods, viz; water jacket method and non jacket method, are available. We, in our test station, are using the non-jacket method. Testing consists of filling water inside test cylinder after connecting required adapters/hoses. Water is pressurized by means of hydro-pneumatic pump to a certain pressure causing the cylinder to expand. The total and permanent volumetric expansions of the cylinder are determined by measuring the amount of water displaced by the expansion of the cylinder when under pressure and after the pressure has been released. An external and internal visual inspection of the cylinder is also performed.

All Industrial gas cylinders are mandated to be hydro tested at regular intervals by Petroleum & Explosives Safety Organization (PESO) recognized testing centres. We are one of the very few Industrial gas cylinder testing centres operating in Mangalore. Our centre is approved by Petroleum & Explosive Safety Organization (PESO), Nagpur. We operate a state of art, fully equipped testing centre manned by qualified & experienced team of Engineers.

Amar marine enterprises has fully equipped & Approved Cylinder Testing Station, having facility for testing High Pressure Gas Cylinders. There is a specially dedicated & experienced team to carry out the testing as per Gas Cylinder Rules. This unit also has cylinder drying facility which helps cylinder preparation prior to High pure gas filling resulting very reliable and stable purity of gas inside cylinders throughout its service.



OUR CERTIFICATIONS

ISO:

Amar Marine Enterprises is an ISO 9001:2015 certified firm by DNV in the field of Marine Repairs & Maintenance and LSA/FFA Service station

Certificate No.: 179981-2015-AQ-IND-RvA Valid till 15-06-2024

DIRECTORATE GENERAL OF SHIPPING:

Certificate of registration as firefighting appliances servicing station

Certificate No.: ENG/DGS/FFA/23/06 Valid till 18-01-2026

BUREAU VERITAS(BV CLASS):

Approved service supplier engaged in inspection and maintenance of the fire extinguishing/fire detection equipment and system.

Certificate No.: BBYO/JK0/20220508072134 Valid till 03-05-2025

BUREAU VERITAS(BV CLASS):

Approved service supplier engaged in inspection and maintenance of self-contained breathing apparatus.

Certificate No.: BBYO/JK0/20220508080431 Valid till 03-05-2025

BUREAU VERITAS(BV CLASS):

Approved service supplier engaged in servicing of inflatable liferafts, inflatable lifejackets, HRU and marine evacuation system.

Certificate No.: BBYO/JK0/20220508083858 Valid till 03-05-2025

PETROLEUM & EXPLOSIVES SAFETY ORGANISATION(PESO):

Approved service station for periodical examination and testing of non toxic, non flammable, seamless cylinders.

Certificate No.: A/G/SC/KA/GCT/9(G91302) Valid till 30-09-2023

DGFASLI:

Approved for the purpose of testing, examination and certification of lifting appliances and loose gears.

Certificate No.: 41/13(14)2022-DS Valid till 02-02-2024



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