



UNO MARINE MAINTENANCE



ISO 9001:2008

Certi No: GUAI -0128 -QC



About us

UNO Marine incorporated by support of H.H. Sheikh Mohammed bin Rashid Al Maktoum, the Vice President of the United Arab Emirates

Uno Marine Maintenance is a well diversified Dubai based company with sound experience in pickling and passivation of stainless steel, Tank, pipe, panel, chemical cleaning of boilers, wastewater treatment, carbon steel pipeline systems, Heat Exchangers

We provide Marine Oil and Gas services from Rig and Drill construction Onshore/Offshore, equipments and catering, and supply of manpower as well as uniforms. Also we provide customers' needs and essentials to the country's oil and gas market while optimizing their business performance and production efficiency.

We are one of the industry leaders in both pre-commissioning and maintenance cleaning in the power generation, steel plants, chemical and petrochemical industries. We committed to serve the customers by providing high quality service excellence in marine and industrial chemical cleaning with a technically advanced and well experienced team executing various projects. We carry out under the supervision of highly qualified and experienced engineers. As a proven capable, experienced and cost effective provider of the aforementioned services,



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Pickling and passivation stainless steel tank. Pipe

Stainless steel pickling and passivation treatment is to develop thin film of chromium oxide on the surface of parent metal weld beads and heat affected zones which enhance the corrosion resistance of stainless steel

Pickling is the most common chemical procedure used

To remove oxides and iron contamination. Besides

Removing the surface layer by controlled corrosion,

Pickling also selectively removes the least corrosion resistant



Pickling Bath – For immersion stainless steel

Pickling Bath is a concentrate that should be diluted with water depending on the stainless steel grade.

Restores stainless steel surfaces that have been damaged during fabrication operations such as welding, forming, cutting and blasting. It removes weld oxides, the underlying chromium-depleted layer and other defects that may cause local corrosion.

The bath fluid is recommended for immersion pickling of small objects and for pickling surfaces that are time-consuming to brush or spray pickle. It can also be used for circulation cleaning of pipe systems.

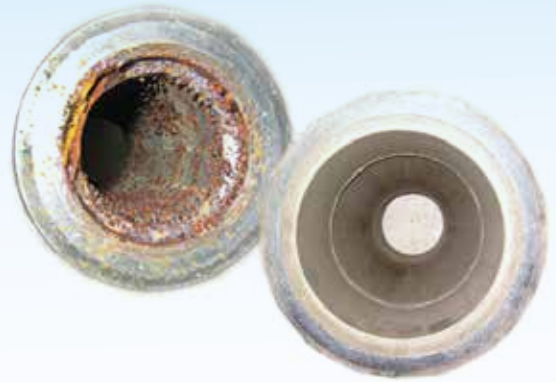


Pickling & Passivation Carbon steel piping

Carbon steel services we provide are: Degreasing Pickling and passivation One-step Cleaning according Ultra-clean specs Blasting Coating Conservation Wastewater treatment Removal of process contamination

The specification covers the requirements for acid cleaning of carbon steel condensate and high pressure pipelines Simplified procedure for pre-commission cleaning light duty rust and oxide removal from operated-tested piping Specifically excludes removal of coating like protective like primers. Paints and Japanese black

- Cleaning of boilers
- Cleaning of heat exchangers



Water flushing

Water flushing is done to remove sediments or other contaminants that are built up in pipes during construction over time. Flushing can help reduce corrosive conditions associated with bio-film growth that can often lead to leaks and breaks. Effective water flushing is done with high flow pumps so that scouring action is created



Hydro-Jetting / Retro-Jettin

Hydro-jetting is usually the first approach to clear the blockage from the inside of pipes. Uno marine has a range of hydro-jetting equipment at various operating pressures, which engage spinning nozzles to clean the pipes.

Uno marine is able to remove difficult incrustations from the inside of pipes

(150mm to 1,000mm bore) in a fast and efficient manner with greater flexibility. It rotates the hose, allowing the nozzle to jet the high pressure water around the internal surface of the pipe. The feed unit will feed or pull the hose automatically in or out of the pipe.



Hot Oil Flushing

Hot oil flushing is done using flushing or system oil to remove the fouling from the internals of the piping systems. Flow is crucial during flushing as it determines the cleanliness in the piping systems.

Our pumps consist mainly of fine filters, which capture the particles during flushing laser particle counter to check the cleanliness.



Nitrogen Services & Nitrogen Helium Leak Testing



Nitrogen services include drying, purging, blanketing, pressure testing, etc. Nitrogen Helium Leak Test is the final test, used to prove the integrity of all flanged and threaded joints and connections of piping and equipment systems. The leak test is designed to demonstrate that process and utility piping systems are properly prepared to operate at specified pressures.

Sandblasting Services

We are one of the reputed Sandblasting Services Providers. These Sandblasting Services are in high demand in various industrial processes. Our company caters to different needs of the clients and provides these Sandblasting Services at the most affordable charges. While providing impeccable Sandblasting Services to the clients, we make sure that we follow the current industrial norms and adhere strictly to the international standards for quality.



Dubai Maritime City No. 131B,
Mina Road, Dubai - UAE.

P.O.Box : 29991 Dubai.

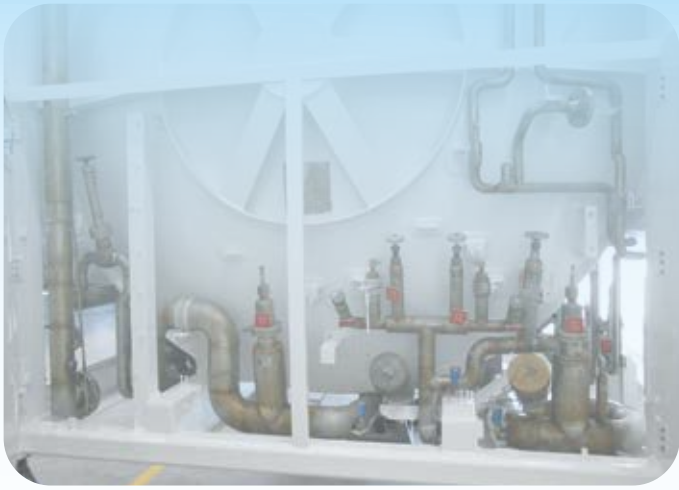
Tel.: +971 4 425 5008 Fax.: +971 4 425 5009

E-Mail: Sales@unomarine.co



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