



MS MAGAZINE



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CLASS A CODE WELDERS
APPROVED**

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TALLERES CERTIFIED ISO 14001



Talleres has set another milestone in the ship repair industry becoming the first company in the marine sector in which all its departments have been certified by all three (3) ISO standards. ISO 9001 which looks after the quality offered to our clients, ISO 45001 related to safety of our employees and stakeholders and finally last month we were certified for ISO 14001. ISO 14001 is the international standard that sets the specifications for the environmental management system. It helps organizations improve their environmental performance through more efficient use of resources, waste reduction, gaining a competitive advantage and trust of stakeholders.

This year, Talleres is becoming a 55-year-old company, that focuses on continuous improvement and customer satisfaction, significantly impacting Talleres’ performance and now concentrating on preserving our environment.

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55 YEARS KEEPING VESSELS MOVING



Talleres Industriales is proud to celebrate its 55th anniversary this year. The company was founded in 1969 by Rafael E Arosemena Herrera, our mentor and main pillar who has marked our way to passionately serve the maritime industry. Our founder, Rafael, started as a contractor for the Texaco refinery 60 years ago and today at age 83, never dreamed he would have built a 55-year-old company, proudly Panamanian, and worldwide recognized in the maritime sector.

The company's early motto was "Emergency room for a hospital for ships", which reflected its commitment to excellence and sacrifice to do whatever it takes to save time and money for our clients. Now our motto is "Ship Repairs and Marine Solutions" since we have expanded to more than 15 divisions creating out-of-the-box solutions for our clients daily. We have now expanded our service to the entire American continent and on case by case to Europe and Asia. At Talleres, we are all proud to contribute to this great company!

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ECONOMIC GROWTH

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REDUCED
INEQUALITIES

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PEACE, JUSTICE AND
STRONG INSTITUTIONS



ANOTHER MILESTONE FOR TALLERES - UNDERWATER CERTIFICATION CLASS A CODE WELDERS - APPROVED

Talleres Diving Team is one of the busiest diving stations worldwide. We perform more than 60 monthly diving operations on both sides of the Panama Canal. We have performed some of the biggest and most impressive underwater structural repairs worldwide.



Nevertheless, we are always looking for bigger challenges and continuous improvement. We built the biggest diving tank in the Americas three years ago to train our divers for wet welding class approved certificates.



The dream was delayed and postponed due to COVID-19 and the high demand in the marine industry. Still, we started the journey again late last year, and a few days ago we achieved our goal. Now Panama has certified wet code welders to serve the world.

Our divers do not become better welders suddenly. Here at Talleres, we are exposed every day to different underwater jobs in which wet welding is utilized. From underwater welding of cracks to major repairs of open holes on vessel hulls due to grounding or collisions.



Therefore, most Talleres divers have many hours of welding in their professional background.



They always knew how to perform the underwater welds and we have invested in getting one of the best trainers on the planet. Their skills have now been officially recognized.



we contracted MAREX Subsea to certify a Welding Method Statements (WMS) and Welding Procedure Specification (WPS) on behalf of Talleres Industriales and they flew to Panama to train and certify six (6) of our Divers-Welders at TALLERES premises.

The whole process was witnessed by an accredited third party, in this case, DNV and ABS representatives in Greece for the WPS and their representatives in Panama for the Fillet Welds according to AWS D3.6M:2017, Class A Welds.



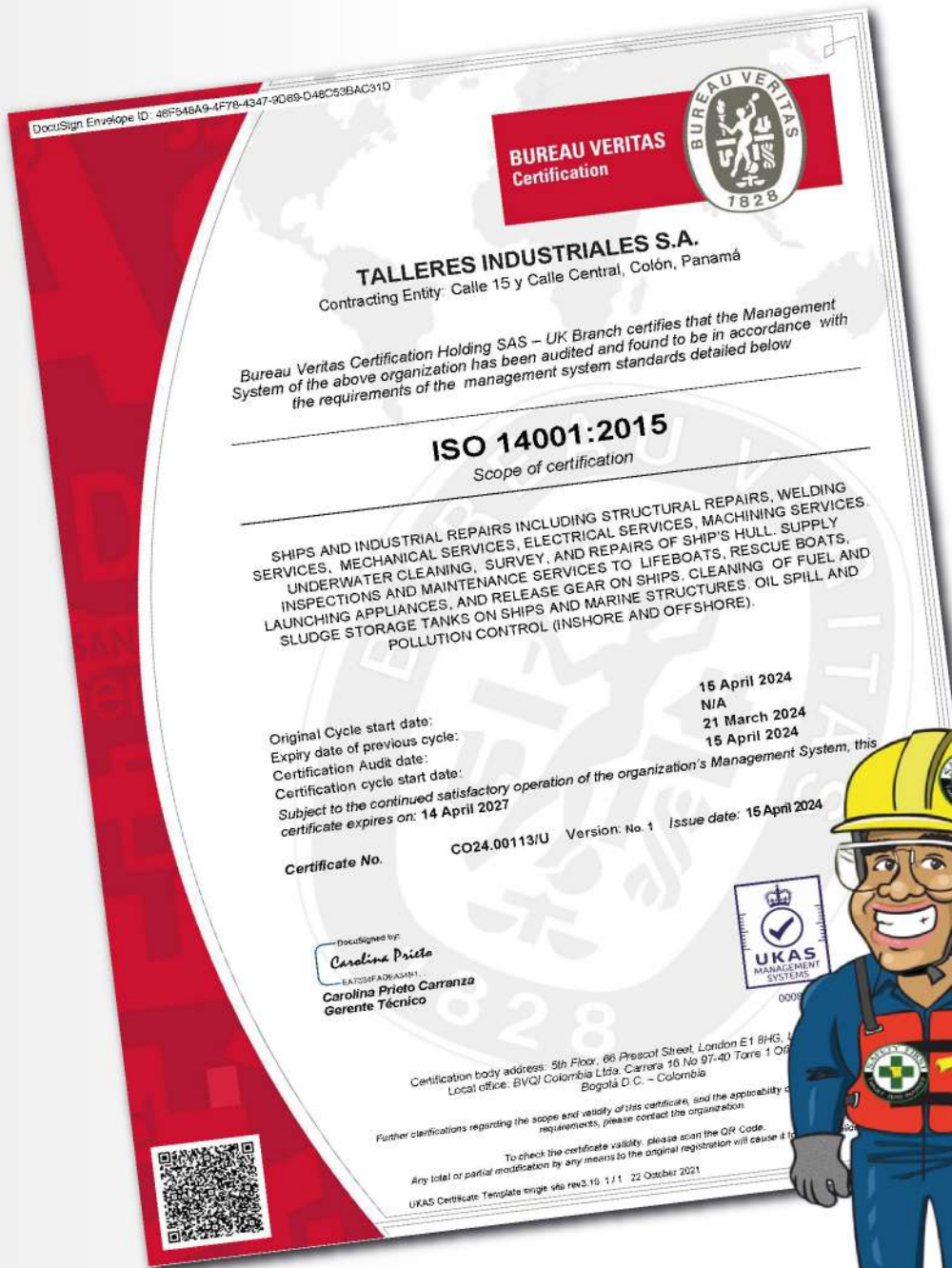
Our Class A Wet Code Welders successfully performed the on-site welding test by the accredited/certified laboratory. Talleres is committed to training and development for everyone's duties and responsibilities according to their needs.



We are proud to have received this approval and become one of the very few companies worldwide to certify grade A wet code welding. The journey has just started for Talleres – "More to Come."



ISO 14001 APPROVED



Environmental Management System

TALLERES AROUND THE WORLD FLYING SQUADS



Kingston / Jamaica



Brunswick / Georgia



Port Lavaca / Texas



Puerto Cortes / Honduras



Curacao



Every day Talleres is looking for solutions to keep their clients operating. Our new business model is based on flying squads and has grown exponentially. At the moment, we are sending professional riding teams to attend vessels all over the American continent. Last month Talleres performed jobs in 5 different countries simultaneously. Two of them were in the United States of America, one in Trinidad & Tobago, one in Mexico, and one in Jamaica. Talleres keeps expanding its geographic scope of work by providing effective solutions to our clients, not only in Panama but around the world.

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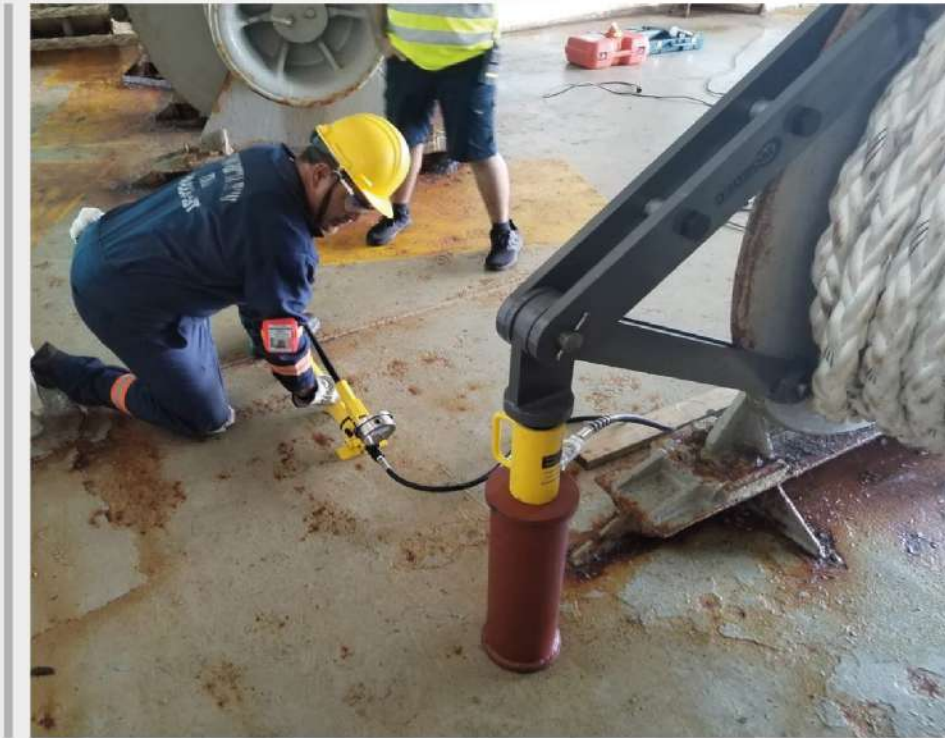
HULLWIPER

BENEATH THE SURFACE, NO-ONE CAN HEAR THEM SCREAM



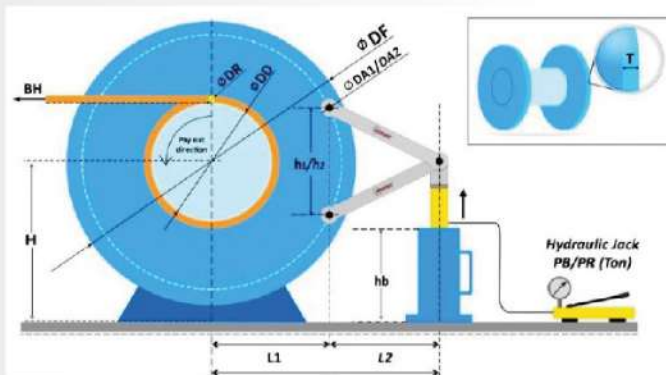
We're on a mission to eliminate invasive alien species contamination from vessel hulls, and our delicate eco-system. Hull fouling, watch out... HullWiper is coming for you.

NEW SERVICE – MOORING BRAKE TESTING



Talleres keeps expanding its portfolio of services and it is always thinking of having solutions in hand for our customers. Recently, we have invested in equipment to perform tests on the windlass.

Mooring winch brake testing on ships is one of the most crucial tests carried out onboard. Winches are one of the most critical equipment on board ships. It is needless to emphasize the importance of a check on the performance of your winches.



Erratic performance of the winches has led to many disasters and casualties on board ships in the past. An important performance criterion of any winch is its Brake Capacity; and so is mooring winch brake testing. Do not hesitate to contact us 24/7.

NDT - NON-DESTRUCTIVE TEST "IT'S ALL ABOUT COMPETENT PEOPLE"



Tisa Lifeboat & NDT is a subsidiary company of Talleres Industriales. Here we have a young team of hard-workers, and devoted first-class professionals. This team is led by Amir Avila and Jessel Ibarra, both are top notch professionals who have gained the trust of all class surveyors and clients through the years.



Andres Avila, Patricia Cohen, and Ana Gonzalez all Level 2 engineers have a lot of experience since they are exposed daily to class-approved nondestructive testing such as thickness gauging and welding repairs test methodology. We are proud to have such a talented team in our group of companies.

MARINE ELEVATORS SERVICES



Talleres is on the world map, the preferred place in America to perform challenging, complex, and certified repairs which requires urgent attention. No matter where the vessel is stranded, no matter where the vessel is located, Talleres has put Panama as one of the top options.

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OIL SPILL CONTROL DIVISION (OSCD) EXPERIENCE AND RESOURCES AT YOUR REACH AT ANY TIME AND IN ANY PLACE

Responding to maritime and onshore oil spills was the most important reason for the creation of the Oil Pollution Division (OSCD) in Talleres Industriales, S.A. (TISA) which is the largest oil spill removal organization (OSRO) in Panama and Central American Region. Since then, we have supported numerous shipping companies, terminals, ports, pipelines, bunkering operations, and oil storage facilities, providing comprehensive oil spill prevention and response services. We are proud of our many years of experience responding to oil spills.



Our goal is to provide effective, reliable spill response for any spill scenario, 24 hours a day, 365 days a year for Level 1, Level 2, and Level 3 spills. Any time oil is transported, stored, handled, or produced; there is the potential risk of an oil spill incident. We have different service options depending on your company and the assets you need to be covered. In recent years, environmental, social, and governance objectives and programs have become an important area of focus for companies across the oil and gas production chain.



We adapt personalized solutions to your specific needs. Our team helps you identify weaknesses and build resilience for incidents such as oil spills, accidents, or safety threats. We ensure that your team is competent and confident to respond to any situation.



The service was created to fulfill a need in the spill response market of the Panamanian, Central American, and Latin-American maritime industry and gives you secure access to response services 24 hours a day, 365 days a year, no matter where and when you need us. The Oil Spill Division owns and operates a vast amount of specialized oil spill response equipment and vessels, pre-positioned throughout the Panama Canal to attend to any incident.



We have a diverse and talented team who have the practical skills and experience to assist and support our clients during a spill response and who are trained in the use of Incident Management System (IMS) structures, such as the Incident Command System (ICS).



Part of the Oil Spill Control Division's dedicated portfolio is designed for offshore scenarios, but most marine oil spills occur in ports or other nearshore environments where vessel traffic is high, and activities of vessels increase the risk of spill incidents. OSCD's dedicated equipment portfolio includes spill response equipment designed for shallow waters and shorter response times driven by near-shore locations.



Inland capabilities require equipment like nearshore and coastal equipment, along with some specialized spill response equipment for rapid movement and/or land response. The OSCD has specialized teams to respond to land spills; however, inland capabilities have more to do with specific nearshore or onshore equipment deployment techniques and response strategies for effective lift and recovery at levees, berms, rivers, dams, and marshes.

OSCD's exercise and training support can range from sending responders to advise during half-day table-top exercises, to elaborate multiple-day equipment deployments. Large training can include marine assets, mechanical recovery equipment, and communications suites, along with OSRD personnel fulfilling ICS Operations roles at the command post.



While OSCD is ready to respond to oil spills, our equipment, and assets are available for spill prevention and mitigation as well. Working together with the client to understand their unique needs, we can provide a variety of services to help avert and lessen an oil spill event.



Pre-booming is the most common form of spill mitigation support that OSCD provides. Pre-booming typically is carried out in ports or harbors where a high-risk fuel operation is taking place.



OSCD can also provide standby spill response support for our clients ship-to-ship transfers (STS). Finally, OSCD offers soil and contaminated area remediation services through a set of innovative technologies and services to treat a wide range of contaminants, including petroleum hydrocarbons, through an improved bioremediation and bioaugmentation methodology.

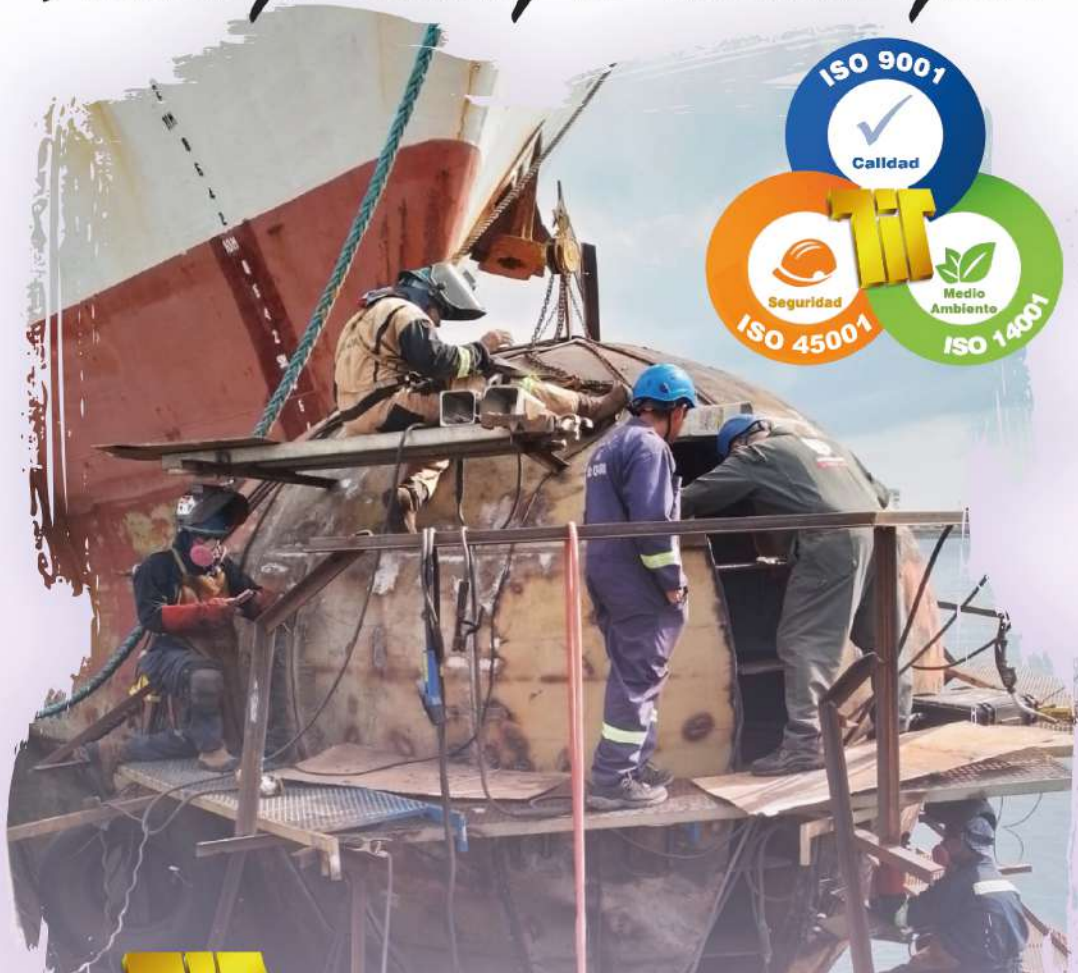


We continue to enhance the capacity and capability of our personnel and equipment, laying the foundation for a coordinated response during major spill incidents. Wherever your oil spill risk is, we could be there to support you.





Always ready to assist you!



TALLERES INDUSTRIALES, S.A.

24/7 SHIP REPAIRS AND MARINE SOLUTIONS

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55 years serving the global maritime industry!



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