



CORPORATE CAPABILITIES

At Técnico Corporation, we stand united as an employee-owned, customer-driven company. We are more than just a service provider – we are a dedicated team of employee-owners, guided by a customer-centric approach and a relentless commitment to excellence. For over three decades, Técnico has upheld a legacy of success and profitability, proudly serving as a small, marine industrial contractor. Proven capable in delivering comprehensive marine and industrial services, we are a quality supplier that consistently meets the needs and exceeds the expectations of our customers, including the U.S. government and commercial entities.

Our mission is clear: to provide unparalleled quality and efficiency in every project we undertake. We are dedicated to delivering high-quality work, prioritizing safety, meeting deadlines, and adhering to budgetary requirements without fail.

Our expertise spans a wide range of capabilities encompassing the repair, maintenance and modernization efforts of marine vessels including; hull, mechanical, and electrical (HM&E) systems, habitability enhancements, fabrication, alterations, installations, labor support, and scaffolding services. To facilitate our work and operations, we have dedicated shops within our industrial facilities, specializing in structural work, piping, electrical systems, painting and blasting, rigging and insulation, sheet metal fabrication, machining, welding, as well as temporary services.

NAVSEA MASTER SHIP REPAIR (MSRA) & AGREEMENT FOR BOAT REPAIR (ABR) HOLDER



As a testament to our capabilities and commitment to excellence, Técnico proudly maintains a Master Ship Repair Agreement (MSRA) and an Agreement for Boat Repair (ABR). With extensive expertise and full certification for handling complex, restricted, and technical availabilities, including seamless integration of related repair efforts such as Alteration Installation Teams (AITs), across various classes of US Navy ships and craft. This includes aircraft carriers as well as commercial vessels.

As a small business contractor and dependable member of the defense industrial ship repair sector, Técnico takes pride in our role supporting the needs of our nation's defense. Despite our size, our impact is significant, providing essential services to ensure the readiness and effectiveness of our Navy's fleet. We recognize the vital link between our work and national security, understanding the invaluable nature of time in maintaining our competitive edge against adversaries. We're not just a contractor; we're a crucial partner in safeguarding our

nation's interests at sea, and Técnico stands ready to support both U.S. government and commercial projects with the urgency and dedication each job demands – bringing agility, innovation, and personalized attention to every contract.

From the Pacific to the Atlantic, we're there: wherever the work is. Our expertise spans various types of marine vessels, both within the continental United States (CONUS) and overseas (OCONUS), enabling us to serve clients wherever their operations take them. By maintaining strategic locations across the U.S., we ensure rapid response capabilities and remain ready to deploy our expertise on-board ships. Our presence extends to operating in ports across the country, with facilities and offices situated along the East and West Coasts, including Chesapeake, VA; Philadelphia, PA; Mayport, FL; Bremerton, WA; and San Diego, CA.

At Técnico, we take immense pride in being a graduate of the Small Business Administration's 8(a) development program as a testament to our commitment to success. This milestone reflects our dedication to excellence and continuous improvement. Operating under a Quality Management System compliant with ISO 9001:2015 standards, we prioritize quality in all aspects of our operations. Upholding unwavering integrity, we ensure the safety and well-being of our employees, partners, and customers. Additionally, our accredited Apprenticeship Program demonstrates our investment in cultivating a skilled workforce, contributing significantly to our overall success. Being an 8(a) graduate underscores our commitment to growth, innovation, and delivering top-notch service to our clients

OUR QUALIFICATIONS

With our extensive qualifications, Técnico maintains a highly mobile workforce equipped to handle a comprehensive range of ship repair needs. Our team is adept at delivering quality workmanship that meets the highest standards within specified schedules and budgetary constraints. We prioritize efficiency and effectiveness in every aspect of our operations, ensuring that our clients receive the best possible service while maintaining cost control and adherence to project timelines.

- Master Ship Repair Agreement (MSRA) Holder - N00024-00-H-8068
- Agreement for Boat Repair (ABR) Holder - N00024-95-H-8692
- U.S. Army Master Vessel Agreement (MVA)
- NAVSEA 04RP, SWRMC, MARMC, SERMC - Approved Quality Management System (QMS) ISO 9001 and Standard Item 009-04 Compliant Quality Management System
- Defense Contract Management Agency (DCMA) Contractors Purchasing System Review (CPSR) Approved Government Purchasing and Property Control Procedures
- Defense Contract Administration Agency (DCAA) Approved Accounting System
- NSWCPD Liaison – Office at Philadelphia Navy Yard
- NAVSEA, RMCs and ABS-Approved Welding Procedures
- Society for Protective Coatings (SSPC-QP 1 Certified)
- Industrial facilities in Chesapeake, VA (HQ); San Diego, CA; Mayport, FL; and Bremerton, WA
- Over 500 highly-qualified Ship Fabrication and Repair Tradespersons and Professionals
- Ship Repair and Modernization, Metal Fabrication, Modular Construction, and Habitability Contractor

- Apprenticeship Program | Apprentice Training Center
 - NCCER-Accredited Workforce Development Program
 - NCCER-Certified Instructors
 - NCCER-Standardized Curriculum
- Management Training Program
- Trade Development Department

OUR SERVICES | MAJOR CAPABILITIES

Our technical capabilities and organizational structure have continuously evolved to meet the dynamic needs of the maritime industry. We've established a robust framework that facilitates the provision of highly skilled trade labor, top-quality materials, and well-equipped marine industrial facilities. This comprehensive infrastructure enables us to effectively deliver a diverse range of services, encompassing ship repair, modernization, habitability enhancements, fabrication, and intricate alterations and installations.

CAPABILITIES

SHIP REPAIR, MAINTENANCE & MODERNIZATION



SHIP REPAIR & MAINTENANCE

Técnico provides full service in repair, maintenance and modernization of all classes of ships, including U.S. Navy, U.S. Coast Guard and commercial. We specialize in essentially all Hull, Mechanical and Electrical (HM&E) systems and tasks:

- Hull Repair
- Structural Fabrication, Installation & Repair
- NDT
- Pipefitting: P1/P2 Piping
 - Piping Fabrication, Installation & Repair
- Pumps & Valves
- Welding/Brazing: Steel, Stainless Steel, Aluminum & 5XXX Aluminum
- Shipfitting: Cutting, Burning, Grinding, Rolling, Shaping
- Sheet Metal: Forming, Shaping, Laser Cutting, Stamping
- Ventilation Rip-Out, Fabrication & Installation
- Fabrication & Installation
- Habitability Upgrades
- Machining
- Mechanical & Electrical/Electronic Repairs
 - Mechanical: Foundations, Equipment, Valves
 - Electrical: Cabling, Fiber Optic, Controllers, Motors
- Main Propulsion Diesel Engines & Generators
- Elevator Repair & Testing
- Heating, Ventilation and Air Conditioning (HVAC)
 - Volumetric Testing
- Damage Control / Fire Fighting / Personnel Protection
- Surface Preparation, Painting & Coatings
- Passive Countermeasures System (PCMS) Tiles
- Lagging & Insulation
- Staging
- Barge Maintenance
- Labor Support
- Shipyard New Construction & Repair Support

SHIPBOARD SYSTEMS

- Combat & Defense Systems
 - Weapon Upgrades
 - Vertical Launching Systems (VLS)
 - Fire-Control Equipment
- Auxiliary Systems
 - Auxiliary Machinery
 - Fluid Systems
 - Piping
 - Steam
 - Drainage & Ballasting
 - Tank Level Indication
 - Climate Control & Refrigeration

- HVAC
 - Evaporators, Heat Exchangers, Coolers & Condensers
 - Compressed Air & Gas
 - Emergency Lighting
 - Damage Control / Fire Fighting / Personnel Protection
- Electrical / Electronic Systems
 - Electrical & Advanced Electrical Power
 - Energy Conversion
 - Gas Turbine Electrical Power
 - Steam and Diesel Electrical Power
 - Switchgear - ABT
- Hull & Deck Machinery
 - Anchor, Mooring and Towing
 - Aviation & Material Handling & Stowage
 - Hull Outfitting
 - Hydraulics
 - Weapons/Cargo Handling & Stowage
 - Cathodic Protection
- Habitability
- Propulsion Systems
 - Diesel Engine
 - Power Transmission
 - Propulsion Steam Plant
- Navigation & Ship's Control Systems
 - Steering
 - Monitoring
 - Communications

HABITABILITY

At Técnico, our mission is centered around enhancing the quality of shipboard life for crews serving on both U.S. military and Commercial ships. Through our expertise in habitability enhancements, we strive to improve crew morale, comfort, and overall well-being during their time at sea. We specialize in delivering major upgrades to living, messing, and services spaces, as well as passageways, to create more comfortable and functional environments for personnel.

Our dedicated habitability team is equipped to handle the entire process, from rip out to final installation. We take a comprehensive approach to ensure that each project is executed seamlessly and efficiently. Our team works diligently to transform shipboard spaces, incorporating modern design concepts, ergonomic considerations, and optimized functionality.

HIGH VISIBILITY COMPARTMENT EXPERTISE

Técnico is a top performer in designing, manufacturing, and installing shipboard joiner systems, customized living spaces, mess halls, galley facilities, lavatories/ heads, ventilation systems, and storage solutions. Our expertise extends to outfitting efforts, including the refurbishment of spaces known as "High Visibility" or "Hi-Vis" compartments, which accommodate VIPs and other designated officials and/or support crew morale.

CUSTOM SOLUTIONS



We take pride in our ability to design and build customized solutions that meet the unique requirements of each ship and customer. By leveraging our expertise and capabilities, we deliver high-quality, custom-designed products that meet the unique needs of our customers, whether it's for accommodation upgrades, reflagging projects, commercial applications, or new construction ventures.

By providing customized solutions, we can optimize the use of space on board, maximize efficiency, and enhance the overall quality of shipboard life for crew members. Our strict delivery control processes ensure that projects are completed on schedule, minimizing disruptions to operations.

SPECIALTIES

- Design & Installation of Upgrades of Shipboard Quality-of-Life Facilities & Furnishings:
 - Berthing Compartments
 - Sanitary Spaces
 - Ventilation Systems
 - Galley & Scullery Spaces - Food Services Systems
 - Commissary & Messing Spaces
 - Chapels, Dental, Gym, Barber & Laundry Spaces
 - Common Areas, Recreation Spaces & Conference Rooms
 - High Visibility CO | Flag Spaces
 - Office Spaces & Specialty Rooms
 - Doors & Panels
 - Storage Systems
 - Shipboard Joiner Systems
 - Accommodation Furnishings
 - Work Space Furniture Systems
- Habitability Installation Team
- Digital Rendering Capabilities
- Metal Fabrication
- Furniture Fabrication & Custom Furnishing
- Decorative Powder Coating
- Honeycomb Bulkhead Panels | Sheathing
- Ready Room Reconfiguration
- NOMEX Deck Panels

Most of the products we build are custom-designed and custom-built to meet the needs of our customers. We are flexible and capable of providing a wide variety of creative solutions. Representative products include: aluminum furniture, stainless steel and aluminum cabinetry, partitions and metal joiner doors. We focus our work on accommodation upgrades, reflagging projects, commercial products (e.g. custom computer workstations) and new construction.

FABRICATION



Técnico has become an industry leader in Ship Repair/Ship Alteration and New Construction fabrication and manufacturing. We specialize in precision metal fabrication for maritime products, assemblies, and parts including honeycomb joiner panels and doors. Our manufacturing capabilities include; sheet metal fabrication, machining, laser cutting, MIG/TIG/ Fiber Laser welding, painting and powder coating, and design engineering.

Our expertise in ship and marine fabrication include:

- Structural Steel & Aluminum Fabrication
- Precision Metal Forming
- Modular Outfitting
- Modular Construction
- Habitability Components:
 - Berthing
 - Accommodation Furnishings
 - Food Services Facilities
 - Lavatories & Heads
 - Storage Systems
 - High Visibility Spaces
- Ventilation System Fabrication
- Painting & Blasting
- Powder Coating
- Custom Fabrication
- Industrial & Commercial Products to custom specifications



TÉCFAB DIVISION:
FULLY OUTFITTED INDUSTRIAL FABRICATION FACILITY
70,000 SF & Growing Digital Manufacturing Facility



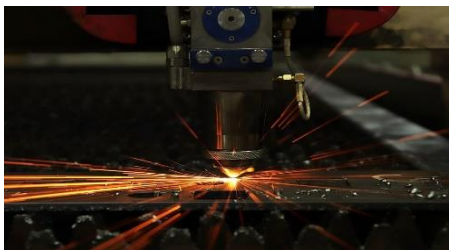
TécFAB Division - Build-to-Print Fabrication

Our state-of-the-art equipment is designed to give our customers the highest quality product. On our fabrication floor we take lean manufacturing approaches to build-to-print parts, focusing on continuous improvement every day. Our operational scalability and purchasing power help our customers face the challenges of demand fluctuations, design changes, short product lifecycles, and short lead times. Let us show you why so many companies have collaborated with TécFAB for the products they need on that deck plates that are purposefully designed and built with successful installation in mind.

TECHNOLOGY

Our ongoing capital investments ensure our position at the forefront of technological innovation, enabling us to adapt to the ever-changing demands of the business landscape.

Our fabrication process is dedicated to delivering part ready computer model designs directly to the production floor, streamlining the process of creating parts.



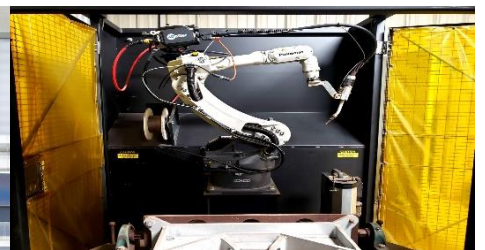
LASER CUTTING

From round and rectangular shapes, to channel and angle, to flat sheets we provide laser services to suit your needs



METAL FORMING

Outfitted with 500 ton, 250 ton, 120 ton press brakes and a panel former capable of 10 gauge material we have capability to suit most forming needs



WELDING

From robotics to hand held Fiber Laser Welding and approved MIG/TIG processes we can support most all assembly needs

OUR STATE-OF-THE-ART EQUIPMENT INCLUDES:

- Trumpf 6kW Fiber Laser with Automation (New 2023)
- Trumpf TruTube Tube laser (New 2023)
- CR Onsrud G-Series 5 Axis Router (New 2023)
- Flow Water Jet MACH 3 (4020b)
- Accurpress Precision Press Brakes
- Automated Aluminum Extrusion Saw
- Automated Steel Extrusion Saw
- SDM 450-Ton Heated Platen Press (Honeycomb Products)
- Powder & Wet Spray Indexing Paint Line
- Powder and Wet Spray Batch Booths
- Robotic Welding - OTC Robotic Welding Cell
- IPG Fiber Laser Welding
- KEYENCE Marking Laser

A close-up image of a fiber laser cutting head in operation, with bright orange sparks being ejected from the cutting point.

FIBER LASER TECHNOLOGY

A close-up image of a CNC machine tool, showing a rotating spindle and a workpiece being machined.

CNC MACHINING

A large industrial fiber laser cutting machine, the TruLaser Tube 7000 Fiber, is shown in a factory setting, with a workpiece being cut.

TruLaser Tube 7000 Fiber

A large industrial 5-axis CNC machine, the S-Series, is shown in a factory setting, with a workpiece being machined.

S-SERIES

5-AXIS

CNC MACHINE

A large industrial fiber laser cutting machine, the 6kw TruLaser 1030 Fiber, is shown in a factory setting, with a workpiece being cut. The machine is equipped with TruStore Automation.

6kw TruLaser 1030 Fiber with TruStore Automation

A large industrial CNC panel bender, the SCHRODER PowerBand Professional, is shown in a factory setting, with a workpiece being bent.

CNC Panel Bender

A handheld fiber laser welding torch is shown in operation, with a bright blue laser beam being directed at a workpiece.

HANDHELD FIBER LASER WELDING

A large industrial CNC press brake is shown in a factory setting, with a workpiece being bent.

CNC Press Brake

A robotic welding cell is shown in a factory setting, with a robotic arm performing welding operations on a workpiece.

Robotic Welding Cell

MODERNIZATION

Modernization is the primary vehicle for maximizing fleet readiness. Técnico is a demonstrated partner with extensive capabilities for integrated planning and execution of ship alteration installations, AITs, repair, engineering technical services, and logistics support services for modernization work.

Técnico brings new technologies to the fleet through shipboard alterations and installations that support Hull, Mechanical & Electrical (HM&E) and Electronic systems. We do physical hardware infrastructure connections and operational verification testing. Técnico is the on-ship installer and integrator: we perform waterfront installation efforts of new equipment and state of the art technologies while maintaining seamless systems integration.

- C5ISR Systems Modernization
- Combat & Defense Systems Modernization
- Manufacturing | Fabrication
- Technology Assessments

ENHANCED MODERNIZATION AND ALTERATION INSTALLATION TEAM INTEGRATION

Técnico supports continuous fleet modernization for government and commercial clients in the U.S. and abroad and has the capability to field teams to respond to emerging needs worldwide. Our shipboard modernization, AIT teams are comprised of seasoned professionals who have honed their skills through years of hands-on experience in ship repair, modernization and shipboard AIT services.

SHIPBOARD MODERNIZATION CAPABILITIES & LOGISTICS SUPPORT:

- Alteration Installation Teams (AIT) | CONUS & OCONUS
- HM&E Systems Alterations
- C5ISR Systems Installation and Testing
- Combat & Defense Systems Installation
- Fiber Optic Connections & Testing
 - Multi-Mode | Single-Mode | Multi-Termini | BOF FOICB/TRB Forming, Routing & Shaping | Fusion Splicing
- Multi-Pin Copper Connections & Testing
- Helix Connections & Testing
- RF Connections & Testing
- CAT5/6 Connections & Testing
- Circuit Removal & Installation | Disconnect & Reconnect | Testing | Termination
- Piping Removal, Installation & Modification
- Ventilation Removal, Installation & Modification
- Cableway Management
- New Construction
- AIT, CRACKALTS, SHIPALTS, MACHALTS Installations
- Installation Support; Project Planning, Scheduling, Ship Checks, SID Verification, RMMCO Check-In, ILS, SOVT, Redline Drawings/As-Builts, CDRLS, and Training
- Warehousing | Kitting & Staging
- Pre-installation Fabrication of Shipboard Modernization AIT Kits
- Component Pre-Fabrication
- Testing Support

DIESEL ENGINE

We conduct inspections, preventative maintenance, and repairs based on the guidance prescribed by the Original Equipment Manufacturer (OEM) for diesel engines:

- Diesel Engine Overhauls
- Diesel Engine Replacements
- Propulsion & Power Generation
- Diesel Engine Accessories

SCAFFOLDING (EMPIRE SCAFFOLDING DIVISION)

Operating as “Empire Scaffolding Services (Empire),” this division was created by Técnico to expand our array of shipboard services, and we have established a goal to service all of our customers scaffolding needs, large and small.



Empire provides professional marine, industrial, and specialty scaffolding for government and commercial industries; specializing in safe, professionally-erected scaffold structures, with or without containment.

Empire offers a highly-trained, professional installation team; all lead erectors are certified as competent persons, CPR trained and certified, and have completed additional scaffold-related training. In addition to a full range of on-site scaffolding products, Empire maintains a containment/enclosure system, providing our customers with an unobstructed area of approximately 10,000 square feet.

- Marine, Industrial, and Specialty Scaffolding/Containment
- HAKI® Enclosure System (up to 10,000 ft²)
- Installation, Erection & Dismantle
- Inspection

LABOR SUPPORT

In addition to providing complete administrative support we can provide the following trades to supplement your work force:

- Electricians
- Pipefitters
- Shipfitters
- Machinists
- Welders
- Painters
- Ladders and Insulators
- OSHA Competent Person
- Certified Fire-Watches
- Environmental Health & Safety Services
- Experienced Management Support

Técnico currently employs over 500 ship repair professionals, administrative and trade personnel including but not limited to marine electricians, welders, pipefitters, shipfitters, sheet metal mechanics, HVAC mechanics, machinists, riggers, painters, scaffolding technicians, habitability specialists, and insulators. Trade personnel are supported by QA and Safety personnel and a robust infrastructure of administrative and management departments.

SUPPORT SERVICES

Our dedicated team is committed to delivering the finest support services, ensuring accountability and meticulous planning for your project. We prioritize professionalism in handling your project, materials, and financial requirements. With us, you can trust that your needs will be met with the utmost care and attention to detail.

Our administrative overhead staff serves as the backbone of our success, the hidden support element that helps drive the success of Técnico. We take pride in offering a comprehensive range of services, all fully compliant with FAR/DFAR regulations.

We understand that seamless support and meticulous attention to detail are crucial for your project's success. Our Administrative overhead staff is here to go above and beyond, providing the hidden support that drives your achievements.

- Environmental, Health & Safety
- Quality Assurance
- Accounting
- Planning & Scheduling
- Estimating
- Contracts
- Purchasing
- Vendor & Supplier Database
- Warehousing
- Trade Development: Workforce Development & Training
- Apprenticeship & Management Trainee Program(s)
- Labor Support
- Project Management
- Transportation & Facilities Management

By combining our skilled workforce with our comprehensive range of support services and resources with our extensive production capabilities, we ensure that our clients receive top-quality service and achieve optimal results for their ship repair projects.

COMPREHENSIVE PRODUCTION RESOURCES

Within our facilities, we house and maintain dedicated shops for various essential functions such as structural work, piping, electrical systems, painting, rigging, sheet metal fabrication, machining, welding, and temporary services.



PRODUCTION SHOPS - CAPABILITIES

SHIPFITTING | STRUCTURAL

Shipfitters, a structural discipline, oversee the assembly and installation of vital ship components. Their expertise lies in working with metal and constructing essential elements like bulkheads and frames, ensuring the overall stability and integrity of the vessel.

Our shipfitters handle the maintenance, installation, modification, and repair of various interior and exterior components, including foundations, bulkheads, doors, decks, hatches, superstructure, tanks, sea chests, sponsons, and deck houses.

Equipped with skills in cutting (gas, arc, and shear), rolling, shaping, grinding, and fitting steel plates and shapes, our shipfitters ensure precision and efficiency in their work. They proficiently lay out and fabricate metal structural parts within the vessel's hull, utilizing a range of specialized tools such as shears, punches, drill presses, bending rolls, bending slabs, furnaces, saws, and metal presses.

Additionally, they demonstrate expertise in Oxygen Acetylene cutting procedures and possess the ability to tack weld. Their typical tasks include preparing plates for shearing, planning and bench planning, handling angles for punching and shearing, creating collars and brackets for installation, and working on various other structural components.

From installing deck ladders, fittings for riggings, and mooring equipment to handling fabrication tasks like plumbing transverse bulkheads and lifting shell frames from vessels, our shipfitters are skilled in a variety of essential operations.

SHEET METAL FABRICATION & INSTALLATION

Técnico specializes in comprehensive sheet metal fabrication and installation services, excelling in a diverse range of structural processes. Our workforce is highly skilled and proficient in shaping, bending, cutting, and modeling various types of sheet metal, including steel and aluminum sheets. Additionally, we handle the rolling, shaping, grinding, fitting, and brazing of aluminum and steel sheeting, square tubing, I-Beams, angle bar stock, round bar stock, square bar stock, and hex bar stock, working with various media, including Monel, aluminum, brass, copper-nickel, copper, and other metals.

We are dedicated to fabricating and installing custom-made products for the commercial and government ship repair industry. Our comprehensive services encompass the removal, alteration, repair, and installation of a wide array of components, such as ventilation ducting, berthing and messing equipment, partitions, racks, shelving and bin storage, galley and refrigerated space equipment, joiner doors, and bulkheads.

WELDING

Técnico maintains robust welding capabilities for both shop and downriver operations, equipped with a diverse range of welding equipment to support all approved procedures. Our Welding Shop provides crucial support to our Shipfitter/Structural, Sheet Metal, and Pipe Shops, facilitating the installation, removal, upgrade, and fabrication of vessels' structures and distribution systems.

Regularly performed welding tasks include; plate welding (ABS and Mil-Standard), shape welding (steel and aluminum), sheet metal (steel and aluminum), piping joints and fitting welding, and alloy welding processes including everything from Structural Crack Repair to Fabrication of Aluminum Superstructures.

Our welders are well-versed in various marine welding methods, such as Arc, Metal Inert Gas (MIG), Tungsten Inert Gas (TIG), Submerged Arc, Carbon Arc, and Gas (Oxy-Acetylene). Moreover, they conduct essential procedures such as pre- and post-heating, induction heating, surface hardening, stress relieving, and welding inspections, while also performing soldering and brazing operations.

Weld shop personnel are trained to comply with a range of standards, including those set by:

- Department of Defense (DOD)
- FY NAVSEA Standard Items
- NAVSEA S9AAQ0-AB-GOS-010 General Specification for Overhaul of Surface Ships (GSO)
- American Bureau of Shipbuilding (ABS)
- Occupational Safety and Health Administration (OSHA) Regulations
- Original Equipment Manufacturer (OEM) documentation
- Military Sealift Command (MSC) General Technical Requirements (GTR)
- U.S. Coast Guard (USCG) Standard Items

- American Society of Mechanical Engineers/American National Standards Institute (ASME/ANSI)

Our qualified welding processes encompass FCAW, GMAW, GMAWS, GTAW, SAW, SMAW, and SW, complying with standards set by the U.S. Navy, ABS, and Naval Sea Systems Command (NAVSEA) Approved Welding Procedures, among others. Our NDT inspectors, reporting separately to the QA staff, conduct meticulous shop and shipboard quality inspections to further enhance our service quality.

PIPEFITTING

Técnico's Pipe Shop capabilities include bending, targeting, templating, fitting, testing, stress relieving, flushing, and threading all kinds of pipe, including brazing, for systems including liquid, steam, gas and semi-solid.

We are highly skilled in pipe system design, fabrication and installation with the highest quality standards. Our team is specialized in:

- Fabrication and installation of sanitation and sewage systems
- Fabrication and installation of AFFF, JP5, Firemain, and Salt Water systems
- Mechanical installation and testing of valves, drains, scuppers, tank systems
- Hydraulic, air and water systems throughout the ship spaces

Our pipefitters have the training and experience to:

- Perform precise measurements, cuts, and assembly of pipes to ensure accurate removal, installation, repair and testing of piping systems on ships
- Die-threading of pipes
- Pipe bending IAW MIL-STD-1627
- Perform Quality Assurance testing on fabrication process & products
- Conduct thorough inspections and assessments of existing piping systems to identify any potential issues or malfunctions that require immediate attention
- Collaborate with the engineering and maintenance teams to develop effective repair and maintenance plans for shipboard piping systems
- Utilize a variety of tools, including welding equipment, grinders, pipe-cutting machines and cutting torches, to complete pipefitting tasks efficiently and according to industry standards
- Assemble of pipes and flanges by welding, brazing and swaging
- Use piping diagrams to determine angles of bends
- Interpret and follow technical drawings, blueprints, and specifications to facilitate the installation and repair of complex piping networks on ship
- Conduct standard Shop Computations relating to flow, pressure and pipe size requirements
- Adhere to strict safety protocols and industry regulations to ensure a secure working environment and prevent any potential hazards or accidents during the repair process

General Pipe Capabilities Include:

- Capability to cut 20" diameter pipe
- Bend up to 4" diameter pipe
- Cutting and punching angle and flatbar
- Threading pipe from 3/8" to 2" diameter
- Capability to work with steel, aluminum, stainless steel, copper and copper-nickel, PVC, PEX and GRP Piping

The largest size diameter pipe the Pipe Shop is capable of working is 20 inches.

MACHINE | MECHANICAL

Shop & Marine – with inside and outside machine groups, our team is prepared to address all machine repair requirements.

Capabilities to perform inside and outside machine work include removing, repairing machining, testing, cleaning, hydraulic flushing and reinstalling shafting, propellers, sea chests, foundations, winches, elevators, hoists, davits, deck equipment, pumps, valves and bearings, etc.

The Inside Machine group is responsible for machining to repair mechanical equipment including shafts, pumps, valves, and reduction gears. This group utilizes various machine tools; including lathes, milling machines, drill presses, and spindles. Our personnel are trained on utilizing blueprints or written specifications to close tolerances and capable in the use of precision measuring instruments, testing equipment and procedures.

Some machining practices include:

- General turning and boring of parts on a lathe
- Thread cutting and tapping
- Taper turning
- Keyway cutting
- Laying out bolt circles to drill holes

The Outside Machine group is comprised of highly skilled personnel who possess the tooling for installation and alignment.

Our Outside Machinist's typical duties can include:

- Disassembling or dismantling valves or pumps, inspecting for wear and assessing replacement need, then re-assembling
- Installing stanchions and hand rails for gratings and ladders
- Installing piping for steam, exhaust, suction, discharge, heating, and/or refrigeration
- Dismantling, inspecting and repairing deck machinery, main engines, generator governors, and/or turbines
- Running horizontal and vertical lines for alignment of engines
- Overhauling and repairing refrigerating machinery

Additionally, the Outside Group is responsible for removal, repair, flushing, cleaning and reinstallation of shipboard valves, piping and mechanical equipment including bearings,

davits, deck equipment, elevators, foundations, hoists, propellers, pumps, sea chests, shafts and winches.

If there are capabilities / facilities required for specific task order for which we are not equipped, we will solicit services from our extensive list of approved suppliers/subcontractors.

ELECTRICAL | ELECTRONICS

Capabilities include removal, repair, installation, connection and operational testing of shipboard electrical systems and components and electronic equipment,

Electrical / Electronic Systems, Components & Equipment

- Electrical Power – voltage ranging 480 A.C. to 24 D.C.
- Lighting
- Communication Devices
- Telephones
- Solenoids
- Switches & Metering
- Electric Heat Equipment
- HVAC & Ventilation Equipment
- Fiber Optic
- Removal, Repair, Installation & Testing of Cabling Controllers
- Switchboard Equipment
- Motors (including motor rewind and repair)
- Generators & Transformers

Our electricians are responsible for the assembly, installation, testing, and maintenance of electrical wiring and equipment. They conduct thorough inspections of electrical systems, equipment, and components to identify potential hazards, defects, or necessary repairs.

Additionally, our electronics mechanics specialize in the installation, troubleshooting, repair, and testing of shipboard electronic equipment and systems. They perform continuity and insulation resistance checks on cabling, as well as the testing and troubleshooting of various circuit card components, transducers, and hydrophones. Furthermore, they are proficient in the manufacturing and repair of fiber optic cables and components.

If there are capabilities / facilities required for specific task order for which we are not equipped, we will solicit services from our extensive list of approved suppliers/subcontractors.

RIGGING

Capabilities include assembly and installation of rigging gear such as cables, ropes, pulleys and winches to lift, lower, move or position machinery, structural steel and other heavy objects.

Our rigging professionals possess the necessary training and skills to handle complex and critical rigging challenges, from lifting and moving heavy machinery to setting up intricate rigging systems. Our riggers adhere to OSHA Rigging regulations and NAVSEA Standard Item requirements when performing rigging evolutions to ensure the safe and efficient execution of all tasks.

With a strong emphasis on precision and safety, our riggers employ industry-leading techniques to secure and maneuver loads of various sizes and complexities. They are well-versed in the use of a wide array of rigging equipment and are committed to upholding the highest standards of quality and compliance with industry regulations. Our Rigging Shop supports other Shops/Trades performing a wide variety of jobs relating to the movement of material and equipment.

INSULATION

Capabilities and equipment for the removal, installation and application of a variety of insulation on major ship components and equipment including materials and covering to piping/machinery for water systems, refrigeration, on hulls, steam machinery, distillation plants, bulkheads, overheads, AC, ventilation ducts and other piping systems and equipment.

PAINT & BLAST - Paint & Coat. Blast. Powder Coating. Insulation. PCMS Tile.

Técnico offers a comprehensive range of painting and blasting capabilities, including Blasting, Coating & Painting, Powder Coating, Insulation, and Tile services.



Técnico proudly holds the SSPC-QP1 certification, ensuring high-quality standards in our operations. Our skilled painters are proficient in operating, maintaining, and cleaning various spray paint equipment, including both air and airless paint pumps, spray guns, and hoses. They possess extensive knowledge of different painting systems and are well-versed in the correct procedures for mixing single and multi-component coating systems.

Equipped with advanced skills in coating application, our painters deliver flawless coatings, free of any defects. Many of our team members hold NAVSEA Basic Paint Inspector (NBPI) and NACE C-12 and C-7 certifications. Their training aligns with industry standards such as the Steel Surfaces Preparation Council (SSPC) Painting Manual, NAVSEA Standard Item 009-32, Naval Ships Technical Manual (NSTM) Chapter 631 and Chapter 634, MSC (803-7081122) General Technical Requirements (GTR), U.S. Coast Guard Standard Items, Material Safety Data Sheets (MSDS), and ASTM F-718 Paint Requirements.

In our shop, painter-blasters meticulously prepare surfaces and apply coatings for various preservation requirements, both for interior and exterior surfaces, as well as for shop applications. Their duties include abrasive blasting, needle gunning, sanding surfaces for preparation, and applying coatings such as alkyds, epoxies, and powder coatings through brushing, rolling, and spraying techniques.

Moreover, our certified tile experts possess in-depth knowledge of Navy assessment programs and extensive experience in tile removal, surface preparation, and the installation of materials.

SCAFFOLDING (Interior & Exterior)

WOODWORKING AND COMPOSITES

Fully equipped to handle various finish carpentry tasks, encompassing sheet, cabinetry, bulkhead, and interior and exterior work for all marine vessel types. Equipped with a diverse range of tools, our shop facilitates woodworking and composite work through the use of manual and pneumatic joiners, planers, drill presses, table saws, and an array of hand tools.

Our collection of tools includes a circular saw, chisels, gouges, routers, hammers of various types, mallets, band saws, drills, compound meter saws, orbital sanders, jigsaws, table saws, drill presses, screwdrivers of various types, and planers. Additionally, our shop is equipped with specialized machinery such as a platen press for laminating and producing composites, as well as a Flow Waterjet CNC for precise cutting of composites. We also have a panel saw for added versatility in our carpentry operations.

LABOR SUPPORT

In addition to providing a complete installation we can provide the following trades to supplement your work force:

- Electricians
- Pipefitters
- Shipfitters
- Machinists
- Welders
- Painters
- Ladders and Insulators
- OSHA Competent Person
- Certified Fire-Watches
- Environmental Health & Safety Services
- Experienced Management Support

By combining our skilled workforce with our comprehensive range of support services and resources with our extensive production capabilities, we ensure that our clients receive top-quality service and achieve optimal results for their ship repair projects.

EXPANSIVE PRODUCTION CAPABILITIES

At Técnico, we pride ourselves on assembling a highly skilled team of experienced craftsmen, including qualified technicians capable of performing cross-trade work. We prioritize labor efficiency without compromising on quality, providing exceptional value for your investment.

In essence, our expansive production capabilities are supported by our technical prowess, advanced infrastructure, extensive expertise, and fully-equipped facilities. We are dedicated to delivering comprehensive solutions that are tailored to your unique requirements with a steadfast commitment to the highest standards of quality and craftsmanship.

QUALITY WORK. SAFELY DELIVERED. ON TIME. ON BUDGET.

Técnico is dedicated to supporting all of our customers, who depend on the safe functional operation of their vessels. We take pride in producing quality work, conducting business with integrity, and operating with the utmost regard for the safety and health of our employees, partners, and customers. Through seamless cooperation with industry partners and subcontractors, we streamline operations and meet objectives such as innovative solutions, safe working conditions, competitive pricing, short lead times, high quality workmanship and reliability of service. We provide facilities, administrative and financial control, schedule and production control, material control, subcontractor oversight and management, quality control and quality assurance, safety and security controls, and hazardous material/waste control over all executed contracts.

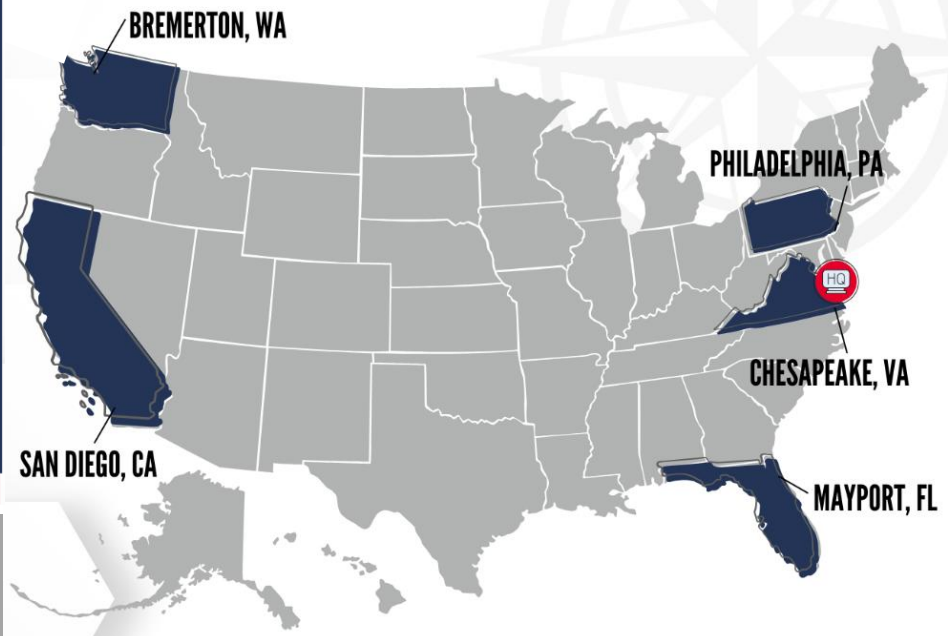
WHERE WE ARE

**TÉCNICO SUPPORTS THE U.S. FLEET
WORLDWIDE & IN PORTS ACROSS THE
U.S. WITH FACILITIES/OFFICES IN:**

Chesapeake Headquarters, Virginia
Newport News, Virginia
Mayport, Florida
Philadelphia, Pennsylvania
Bremerton, Washington
San Diego, California

⊕ PCE Locations: San Diego, California
Aiea, Hawaii
Everett & Bremerton, Washington

⊕ Steady support in Japan



Técnico's ability to quickly muster and travel teams to any location CONUS or OCONUS sets us apart from other ship repair companies. Técnico has deployed teams of trade personnel, equipment, materials, QA, safety, and supervisory/management personnel for tasking in locations around the world including Italy, Guam and Japan.

Técnicos possesses marine repair / industrial facilities along the Atlantic and Pacific U.S. Coasts: located in Chesapeake, VA; San Diego, CA; Mayport, FL; and Bremerton, WA; as well as offices in Philadelphia.

	EAST COAST	SOUTHEAST	WEST COAST	
	CHESAPEAKE, VA - CORPORATE HQ	MAYPORT, FL	SAN DIEGO, CA & BREMERTON, WA + JAPAN & HAWAII	
LOCATION	831 Industrial Ave Chesapeake, VA 23324 3.5 Acre 6 Building 324,721 sqft HQ Campus + Warehouse Space in Newport News, VA + Office Space in Philadelphia, PA	1543 Main Street, Ste. 5 Atlantic Beach, FL 32233	SAN DIEGO 3636 Gateway Center Ave. #101 San Diego, CA 92102	BREMERTON 7765 NW Eldorado Blvd Bremerton, WA 98312
OFFICE SPACE	± 40,000 sqft (38,971 sqft) + Philadelphia Office	1,500 sqft	± 3,500 sqft	2,400 SQFT
FABRICATION SHOP	109,810 sqft ± 80,000 sqft Build-to-Print Fabrication ± 30,000 sqft Shop	3,356 sqft	14,000 sqft	1,000 sqft
STORAGE	46,440 sqft	2,000 sqft	14,000 sqft	1,000 sqft
RECEIVING WAREHOUSING	(± 76,500 sqft) + 53,000 sqft Warehouse Space in Newport News, VA	3,000 sqft	14,000 sqft	3,680 sqft
SHOPS	<ul style="list-style-type: none"> • Welding • Sheet Metal Fabrication • Shipfitting / Structural • Pipefitting • Machine / Mechanical • Electrical Electronic • Rigging • Painting & Blast • Insulation • Scaffolding • Labor Support / Portable Tooling • Transportation & Shipping Receiving 	<ul style="list-style-type: none"> • Inside Machine • Pipe • Structural: <ul style="list-style-type: none"> ◦ Welding ◦ Fabrication • Electrical • Rigging • Support Portable Tooling 	<ul style="list-style-type: none"> • Machine • Structural Fabrication • Habitability • Pipe • Electrical Electronic • Paint • Welding • Rigging • Support Portable Tooling 	<ul style="list-style-type: none"> • Habitability Sheet Metal • Pipe • Electrical • Structural • Portable Tooling
CAPABILITIES	<ul style="list-style-type: none"> • Ship Repair - Hull, Mechanical & Electrical (HM&E) • Habitability HAB Installation Team • Modernization Alteration Installation Team (AIT) • Fabrication <ul style="list-style-type: none"> ◦ TécFAB Division ± 80,000 sqft 	<ul style="list-style-type: none"> • Ship Repair - Hull, Mechanical & Electrical (HM&E) • Structural Module, Fabrication & Outfitting • Modernization Alteration Installation Team (AIT) • Production Engineering 	<ul style="list-style-type: none"> • Habitability Habitability Installation Team <ul style="list-style-type: none"> ◦ Design, Manufacture & Install - Door & Panel ◦ Quality-of-Life Facilities ◦ Custom Shipboard Furnishings ◦ Furniture Design & Manufacturing ◦ Joiner Systems • Fabrication Fabrication Facility <ul style="list-style-type: none"> ◦ Sheet Metal Prefabrication ◦ HVAC ◦ Sanitary Space Components ◦ Foundations & Misc 	

	Build-to-Print Fabrication Facility <ul style="list-style-type: none"> • Diesel Engine • Scaffolding - Empire Scaffolding Division • Shipyard Labor Support • Corporate Support Services • Accredited Apprenticeship Program • Workforce Development Department • Corporate Support Services • +50K sqft warehouse facility in Newport News, VA 	<ul style="list-style-type: none"> • Shipyard Labor Support • U.S. Government, Offshore & Commercial 	<ul style="list-style-type: none"> ◦ CRES • HVAC Installation & Upgrade • Ship Repair – Hull, Mechanical & Electrical (HM&E) • Alteration Installation Team (AIT) HM&E Repair • Shipyard Labor Support • Digital Rendering Capabilities • 5000 6000 Series Approved Aluminum Welding Programs
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Técnico's corporate campus provides support to all of our facilities. Please find our corporate capabilities, followed by our West Coast Region, San Diego and Bremerton, and Southeast, Mayport capabilities:

TÉCNICO – HEADQUARTER CAMPUS; CHESAPEAKE, VIRGINIA

Técnico headquarters is located in Chesapeake, Virginia, in the heart of Tidewater's Shipyard District, and **within 50 miles** of ALL naval and commercial facilities in the Hampton Roads - Norfolk, VA area.

DISTANCE	SHIPYARDS	CITY
1.03 miles	MHI Ship Repair & Services	Norfolk, VA
1.10 miles	Colonna's Shipyard	Norfolk, VA
1.26 miles	BAE Systems - Norfolk Ship Repair	Norfolk, VA
1.56 miles	GD-NASSCO-Norfolk	Norfolk, VA
2.60 miles	Lyon Shipyard	Norfolk, VA
3.17 miles	Norfolk Naval Shipyard	Portsmouth, VA
3.20 miles	NOAA Marine Operations Center – Atlantic	Norfolk, VA
12.23 miles	Naval Station Norfolk	Norfolk, VA
12.50 miles	Joint Expeditionary Base Little Creek	Virginia Beach, VA
21.20 miles	Huntington Ingalls Newport News Shipyard	Newport News, VA

Técnico headquarter campus is comprised of: six (6) major buildings, over 3.5 acres of staging and storage, over 320,000 sqft of combined office, fabrication/shop, warehouse, support space on-site and additional warehouse space in Newport News, Virginia.



BUILDING	FUNCTION
1	Corporate Offices Security Ship Repair & Contracts Administration Offices Pipe Shop
2	HR Estimating Accounting IT Engineering Piping Machining Welding Sheetmetal Shop
3	TECFAB Fabrication Facility (Build to Print)
4	Habitability Offices
5	Apprentice Training Center (ATC)
6	Shipping & Receiving Warehousing Purchasing Fabrication Assembly Space

Function and capabilities within each of the 6 major buildings on our Chesapeake campus:

	Buildings 1 - 3	Building 4	Building 5	Building 6	Newport News Warehouse	TOTAL
Office Space	30,350 ft ²	2,500 ft ²	400 ft ²	1,500 ft ²	4,221 ft ²	38,971 ft ²
Shop/Fabrication	109,810 ft ²					109,810 ft ²
Storage GFE/GFM	46,440 ft ²					46,440 ft ²
Receiving/ Warehouse	18,000 ft ²		2,000 ft ²	56,500 ft ² *Including Assembly Space	53,000 ft ²	129,500 ft ²
TOTAL						324,721 ft ²

Additionally, we have mobile storage units (Conex Boxes) to facilitate equipment/material transport and storage for on-site alteration and repair work; and areas for general staging and storage.

Ship repair and modernization requires not only state-of-the-art equipment, but talented, qualified personnel, and well-trained operators. Técnico has made significant capital investments, purchasing fabrication equipment, warehouse space, tools, and computer hardware and software, necessary to fabricate structural supports, foundations, panels and doors, furniture; and high-visibility, specialty items that can be shipped CONUS and OCONUS.



Técnico has a fully outfitted industrial fabrication facility, a 70,000 sqft and growing digital manufacturing facility which possesses the following specialized capabilities and equipment:

- Trumpf 6kW Fiber Laser with Automation (New 2023)
- Trumpf TruTube Tube laser (New 2023)
- CR Onsrud G-Series 5 Axis Router (New 2023)
- FLOW Water Jet MACH 3 (4020b)
- Accupress Precision Press Brakes
- Automated Aluminum Extrusion Saw
- Automated Steel Extrusion Saw
- SDM 450-Ton Heated Platen Press (Honeycomb Products)
- Powder & Wet Spray Indexing Paint Line
- Powder & Wet Spray Batch Booths
- Robotic Welding – OTC Robotic Welding Cell
- IPG Fiber Laser Welding
- KEYENCE Marking Laser
- Habitability Design | Digital Rendering
Fabrication | Installation

**COMMITTED TO EXCELLENCE
AND INNOVATION.**



**IMPROVING EFFICIENCY
THROUGH UPDATED
TOOLING & TECHNOLOGY**

FIBER LASER TECHNOLOGY



TruLaser Tube 7000 Fiber

- High Levels of Productivity
- CRES | Steel | Aluminum | Copper
- Angle | Channel | Round | Rectangular | Square Tube
- Finished Parts up to 20' Long
- Tube & Open Architecture Parts Up To 10" Diameter
- Thermal Drill & Tap



T6kW Fiber Laser with Automation

- Reduce material handling time
- Larger metal inventory – reducing lead times
- Faster cut speeds with newer technology
- 8 pallets of raw metal
- 2 pallets of support completed part nest
- Energy-efficient process cooler
- Process-reliable laser cutting
- Nanojoints



Handheld Fiber Laser Welding

- Maximum welding capability for minimal rework
- Pre-weld cleaning for improved weld quality
- Post-weld cleaning for improved visual appearance
- Welding & cleaning in a single system
- Less heat & distortion and more productivity & flexibility
- Less set up – virtually eliminating rework
- Wobble welding controls

CNC MACHING



5-Axis CNC Router

- Wood Composites
- Composites
- Aluminum Block
- Nomex Core Honeycomb Panels
- Aluminum Honeycomb Panels
- Metal Joiner Doors

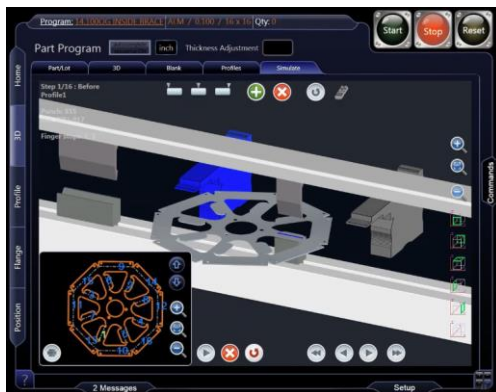


CNC Panel Bender

- Stainless Steel | Aluminum | Carbon Steel
- Software Control – Professional Graphic Control on Swiveling Arm
- Clamping Beam
- Folding Beam
- Foot Switch



CNC Press Break



The Vision 3D Control

Working with Solidworks on Inventor, Vision 3D lets you import part models for:

- Full 3D Programming
- Bend Visualization
- Dynamic Viewing during the Forming Process



ROBOTIC WELDING CELL

- Stainless Steel | Aluminum | Carbon Steel

Tools and equipment at our Chesapeake (Norfolk) industrial facility:

SHOP	EQUIPMENT
MACHINE	Lathe – Leblond 21"x120" Lathe – Lehigh 17"x64" Lathe - Vectrax 1660 15" - 40" Vertical Turret Lathe – Cincinnati 84"x6' Radial Arm Drill Press – Morris 3 ½" spindle w/ 10" column 20" EVS Drill Press Tapping Side Belt Sander – Dayton Model 4TJ97 6" x 12" Belt & Disc Sander Micrometers – Up to 24" Vernier Calipers – 0 to 60" Inside Micrometers – 0 to 24" Pedestal Grinder (Tongue Guard set at 1/4") Dial Indicators – Button and 0-1" dial calibrated indicator Tool holders – Kennmetal left & right hand turning boring / carbide tools
PIPE	(1/4" to 4" NPS) Tube, Pipe, and Profile Bending Machine 2014 Ercolina TB130 O.D. Bending .125" to 1" (2) Rigid Pipe Threading Machines up to 2" Admiral speed flow Hydro Pump 6000 psi Hydraulic Press – 50-Ton Dake (2) Bench Grinders (6") (2) Air Test setups 125psi (2) Portable Cranes 3 ton cap Portable Tube benders 1/8" to 7/8" (3) Heavy Duty Wilton Table Vices 18" Hyd-Mech Model V018 –Band Saw (2) Steel slab for targeting 20'x8' (3) Miller SYNCROWAVE welding machine; Brazing Booths
STRUCTURAL SHIPFITTING - WELDING & FABRICATION	Trumpf 6kW Fiber Laser w/Automation Trumpf TruTube Tube Laser CR Onsrud G-Series 5 Axis Router (coming Fall 2023) Automated Aluminum Extrusion Saw Automated Steel Extrusion Saw FLOW Water Jet MACH 3 (4020b) Robotic Welding – OTC Robotic Welding Cell IPG Fiber Laser Welding KEYENCE Marking Laser SDM 450-Ton Heated Platen Press (Honeycomb Products) Accupress Precision Press Brakes (3) Portable Plasma Cutting Machine (1 ½") Table Plasma Cutter (2") (3) Chop Saws (14") Vertical Band Saw (13"x20") (2) Table Saws 10"cap 3" Aluminum Durma Shear Digital (1/2"thk x 10') 100 ton Iron Worker shear (5/8"punch 1 3/16"hole) (8) Miller Shop Master (Mig, Tig, Stick welding) (2) Track Cutting Torch Power Roller (3/8") Floor Model Drill Press (3/4") (4) Acetylene/Oxygen Cutting torches

SHOP	EQUIPMENT
	Portable 110V 20 amp SAW & GTAW machine 440V Miller GTAW machine Elec. Deburring machine cleans 20GA - 10GA material (3) routers, (2) plunge routers, (2) laminate routers 75" pedestal belt sander Portable hand, jigsaw (2) die grinders 40 ton Iron Worker 18ga 4ft Bead Roller 14ga 4ft Bead Roller (2) 16ga Hand Brake (4') 16ga Pittsburgh Machine 14ga Roto Die (10') 500 ton 12' Press Brake 6" Vertical Sander Corner Notches 16ga Slip Roll machine (4') Floor Drill Press (3/4") (10) 4" Grinders (6) Jig Saws (6) Sanders (10-15) hand grinders, polishers, & buffers Numerous Hand Drills & Pop Rivet Guns Heated press 400 Ton with 84" x 202" platens 10" Heavy Duty table saw 12' x 28' climate-controlled (temperature and humidity) panel fabrication room SDM Technology Laminator Series 250-ton, 5-opening, composite press (Honeycomb Panels) Dip tank for washing and etching aluminum for bonding
SHEET METAL	100 Ton 10' Press Brake ACCURPRESS Edge CNC Hydraulic Precision 200 Ton 12' Press Brake 4' Finger Brake (light gage material) 4' hand roller - up to 16GA 8' Hand Brake 10' Adira Shear Capacity 1/4" steel, 3/16" stainless 10' Atlantic Shear Capacity: 1/4" steel, 3/16" stainless Amada Pega 357 33 Ton Turret Punch (50" throat / 70" table) (4) Chop Saws - ferrous & non-ferrous metals Plasma torch (portable) 1/2" stainless steel Panel saw (wood, plastic, HPPL, polycarbonate) 4' Stomp Shear Light Gauge Aluminum 1/2" Drill Press w/adjustable table (7) Welding machines (SAW / SMAW / GTAW alum, stainless & carbon TJ Snow resistance spot welder (aluminum, stainless, carbon steel) Paint booths: 12' x 20', 14' x 24', 20' x 26' (4 full sets) AC&R gauges, complete w/ manifolds Freon recovery units - Fluoromizer (2) 6000 (1) 3500, Promax RG5 Band saw, AYD-MECH auto feed variable speed tilt head (6) drill motors 1/2" & 3/8"

SHOP	EQUIPMENT
ELECTRICAL/ ELECTRONIC	(5) Heat Gun (5) Soldering Gun (1set) Wire Sleeving makers (10) Amp, volt, multimeters (3) Lug crimpers (4) Clamp on amp meters (3) Megger Meters (3) Cable Cutters (1set) Insertion / Extraction tool (4) Phase meters (18) Wire wrap & Crimping tools
RIGGING	(10) Mobile Gantry Cranes (60+) Straps & slings up to 15 ton cap (30+) Beam Clamps up to 5 ton cap (2) Plate Clamps up to 5 ton cap (50+) Shackles up to 5 ton cap (100) Chain Falls 1ton (35) Chain Falls 2ton (19) Chain Falls 3ton (8) Chain Falls 5ton
PAINTING/ BLASTING	Automated Powder Coating/Wet Spray Paint Line Blast Pit (800 sq ft) (2) Schmidt 600LB Blast Pots (2) Binks 2 gallon paint pots Torit Dust Collector (2) 5 gallon Binks Paint Pots (4) Bulldog Paint Pumps High Solid Plural Pump
PORTABLE TOOLING	(60) Shorty Right Angle elec drills (3/8") (270) Straight Elec drills (3/8") (90) Elec. Straight Drills (1/2") (6) Cordless Drills (3/8" & 1/2") (6) Mag base drills (3/4") (250) Air Grinders (4") (15) Air Grinders (7") (580) Elect. Grinders (4 1/2") (90) Elect. Grinders (7") (175) Air Die Grinders (1/4") (10) Sanders Air (50) Sanders Assorted Elect (75) Saw Zalls (elect) (29) Chipping guns Assorted Electrical Test Meters Assorted Test Gauges; Assortment of Specialty socket sets & hand wrenches (88sets) Oxygen & Acetylene mapp gauges (78) Burning & Brazing Torches (75) Elect Exhaust blowers (250) Ladders – Ext & Step (4' – 36') (32) Portable plasma Arc's (1 1/4") (56+) Portable welding machines (15) Air Drills (3/8")

Tool room technicians are responsible for ensuring all Técnico tools and test equipment (CFM) are not only properly calibrated and in ready-for-use condition, but available in sufficient quantities and material condition to support all task orders issued under our contracts as well as all other contractual commitments.

SECURITY & FIRE PROTECTION PLAN

All Técnico locations have approved Physical Security Plans in place to ensure proper access control in accordance with NAVSEA Standard Item 009-72. Técnico has established and maintains physical security boundaries, positive access controls, and other security measures to safeguard against hazards, including unauthorized entry, malicious mischief, theft, espionage, sabotage, and terrorism at Técnico's facility. This plan provides information and procedures including: perimeter physical boundaries (fencing, alarm systems, and armed guard after working hours); perimeter access (designated visitor parking, one walk-through and one drive-through gate, a visitor check-in desk in Building 2, visitor pass/badging, visitor movement controls, night lighting, signs and postings, and alarm system). Técnico's receiving department with loading dock is located in Building 6 for vehicles making deliveries. As with many other requirements, maintaining a current MSRA/ABR qualification ensures Physical Security as the Security/Access Control Plan is part of the review/approval process.

Técnico's Fire Protection Plan is governed by Safety Procedures, Shipboard Fire Prevention and Housekeeping, Fire Protection and Evacuation Plan. These procedures provide personnel with proper instructions for maintaining safe working environments aboard ship including requirements for hotwork and housekeeping. They provide personnel procedures for establishing emergency escape routes, emergency rescue and medical plans, and identify personnel responsible for shipboard operations during emergencies. Técnico personnel are routinely provided training to ensure safe exiting of surface and non-surface vessels during emergencies.

TÉCNICO – SAN DIEGO, CALIFORNIA

SAN DIEGO		 
Facility Location	Técnico - SAN DIEGO 3636 Gateway Center Ave. #101 San Diego, CA 92102	
Office Space	3,500 ft ²	
Fabrication Space	14,000 ft ²	
Storage GFE/GFM	14,000 ft ²	
Receiving/ Warehouse	14,000 ft ²	
Shop	<ul style="list-style-type: none"> • Machine • Structural Fabrication • Habitability • Pipe • Electrical Electronic • Paint • Welding • Rigging Support Portable Tooling 	

Tools and equipment at our San Diego industrial facility:

SHOP	CAPABILITIES & EQUIPMENT
MACHINE	<p>Técnico possesses the equipment and facilities to perform multiple types of machine work: capable of removing, repairing machining, testing, cleaning, hydraulic flushing, and reinstalling shafting, propellers, sea chests, foundations, winches, elevators, hoists, davits, deck equipment, pumps, valves, and bearings.</p> <p>A summary of our machine shop equipment:</p> <ul style="list-style-type: none"> Vertical Mill – Bridgeport CNC 9"x48" Jet ¾" Drill Press Lathe – Rockwell 17"x40" Inside/Outside Micrometer Vernier Calipers Various Hand Tools (3) Bench Grinder Dial Indicator Shear Mac Press Brake Electric Press Brake Manual Upright Band Saw Table Saw Tennsmith Manual Roller (2) Depth Mic (2) Thickness Gauges

SHOP	CAPABILITIES & EQUIPMENT
STRUCTURAL	<p>The structural shop is capable of cutting, rolling shaping, grinding, and fitting steel and aluminum sheets.</p> <p>Portable Plasma Cutting Machine (1 ½") Table Plasma Cutter (2") AMADA CNC Turret Punch 30-tons, 58 station – PEGA304050 Taylor Winfield Press Type Spot Welder (3) Chop Saws (14") Vertical Band Saw (13"x20") Table Saws 10"cap 3"aluminum Aluminum Extrusion Saw (3) Miller Shop Master (MIG, TIG, Stick welding) 40 ton Iron Worker shear (5/8"punch 1 3/16"hole) 10' x ¼' Sheer 10'x 40 ton Press Brake – Manual Durmazlar Press Brake – Electric Micro Dust Air Collector Welding/Brazing Booth (2) Acetylene/Oxygen Cutting torches 4' Finger Brake (light gage material) 4' hand roller - up to 18GA Floor mount Notcher to 12 gauge Panel saw (wood, plastic, HPPL, polycarbonate) Laminate Slitter (Hand Held) Band saw Numerous Hand tools & Pop Rivet Guns</p>
PIPE	<p>Técnico maintains capabilities in all processes including targeting, fitting, bending, testing, stress-relieving, and threading a variety of pipe classes.</p> <p>Our Pipe Shop tooling and equipment: (3) Bench Grinders (6") (3) Air Test setups 125psi Portable Tube benders 1/8" to 5/8"" (10) Portable vises (3) Steel slab for targeting 14'x8' Ercolina Pipe Bender ¾" – 3"</p>
RIGGING	<p>Our Rigging shop has a variety of equipment available at a moment's notice to remove and install major ship components and equipment. Equipment that Técnico is fully capable of rigging includes shafting, propellers, sea chests, foundations, winches, elevators, hoists, davits, steel fabrications, modular piping arrangements, accommodation ladders and various deck components.</p> <p>A summary of our rigging equipment: (+60) Straps & slings up to 15 ton cap. (6) Beam Clamps up to 5 ton cap. (2) Plate Clamps up to 5 ton cap. (20) Shackles up to 5 ton cap. (8) Chain Falls 1ton (3)Chain Falls 3ton ½ ton Come along</p>

SHOP	CAPABILITIES & EQUIPMENT	
ELECTRICAL	(2) Heat Gun Amp, volt, multimeters (2) Megger Meters (2) Cable Cutter (5) Wire wrap & Crimping tools (2) Heat Gun Amp, volt, multimeters	
PAINT BLASTING	Portable Sand Blaster Rotary Screw Air Compressor UP65-25, 98 cfm@ 125 psig; 120 gallon tank	
WELDING	<p>Técnico maintains a significant welding capability for shop and downriver work. We possess a large amount of welding equipment that is sufficient to support all of the approved ABS and U.S. Navy welding procedures. Técnico regularly performs steel, stainless steel, aluminum, and other alloy welding processes including Structural Crack Repair to Aluminum Superstructures.</p> <p>Processes include: SMAW, GTAW, GMAW, FCAW, and Capacitor Discharge (Stud Machines)</p> (6) Stud Machines (3) Miller Shop Masters (MIG, TIG, Stick) (10) Miller XMT 350 CC/CV (2) Miller XMT 350 MPA (5) Miller Maxstar 200 (8) Miller 8vs (Suitcase) Miller 12vs (Suitcase) (10) Spoolmatic 38A (wirefeed) (28) Radnor 17FV-25-R (TIG Gun) (18) Bernard BTB (MIG Gun)	
SUPPORT SHOP & PORTABLE TOOLING	(10) Shorty Right Angle elec drills (3/8") (20) Straight Elec drills (3/8") (4) Air Drills (3/8") (10) Elec. Straight Drills (1/2") (2) Cordless Drills (3/8") (2) Mag base drills (3/4") (30) Elect. Grinders (4 1/2") (12) Grinders (7") (20) Air Die Grinders (1/4") (20) Sanders Assorted Elect (30) Sawzalls (elect) (25) Portable welding machines (3) Portable plasma (6 sets) Oxygen & Acetylene MAPP gauges (20) Ladders – Ext & Step (4' – 36')	Assorted Electrical Test Meters: (2 Mega meter), (1 Fluke thermometer) (36) Assorted Test Gauges Assortment of Specialty socket sets & hand wrenches (32 Sets) Oxygen & Acetylene MAPP gauges (various sizes - 18 gas & 14 oxy) (25) Burning & Brazing Torches (25) Elect Exhaust blowers (2) Track Cutters Anemometer air flow (ventilation) Sound Level Meter Conductivity Meter Digital Meter for Humidity 0-100 lb torque wrenches 0-250 lb torque wrenches Dyno scale 1,000/10,000 (2) Refrigeration gauge sets

TÉCNICO – BREMERTON, WASHINGTON

BREMERTON		
Facility Location	Técnico – BREMERTON 7765 NW Eldorado Blvd Bremerton, WA 98312	
Office Space	2,400 sqft	
Fabrication Space	1,000 sqft	
Storage GFE/GFM	1,000 sqft	
Receiving/ Warehouse	3,680 sqft	
Shop	<ul style="list-style-type: none"> • Habitability Sheet Metal • Pipe • Electrical • Structural • Portable Tooling 	

Tools and equipment at our Bremerton industrial facility:

SHOP	CAPABILITIES & EQUIPMENT
STRUCTURAL & SHEET METAL	Portable Plasma Cutting Machine (1 ½"): Spectrum 625 Miller Shop Master (MIG, TIG, Stick welding): Miller 300 Micro Dust Air Collector Welding/Brazing Booth (2) Acetylene/Oxygen Cutting torches Laminate Slitter (Hand Held) Band saw: Milwaukee Numerous Hand tools & Pop Rivet Guns
ELECTRICAL	(2) Heat Gun Amp, volt, multi-meters: Fluke 117 (2) Megger Meters (2) Cable Cutter (5) Wire wrap & Crimping tools: GreenLee
PIPE	(3) Bench Grinders (6") (3) Air Test setups 125psi Portable Tube benders 1/8" to 5/8" (10) Portable vises: Ridgid 460 (3) Steel slab for targeting 14''x8' Hossfield Pipe Bender ¾" – 3"

SHOP	CAPABILITIES & EQUIPMENT
RIGGING	(60+) Straps & slings up to 15 ton cap. (6) Beam Clamps up to 5 ton cap.: S2 thru S6 (2) Plate Clamps up to 5 ton cap. (20) Shackles up to 5 ton cap. (8) Chain Falls 1ton (3) Chain Falls 3ton ½ ton Come along: 1 Ton
PORTABLE TOOLING	(10) Shorty Right Angle elec. drills (3/8") (20) Straight Elec drills (3/8") (4) Air Drills (3/8") (10) Elec. Straight Drills (1/2") (2) Cordless Drills (3/8") (2) Mag base drills (3/4") (30) Elect. Grinders (4 ½") (12) Grinders (7") (20) Air Die Grinders (¼") (20) Sanders Assorted Elect (30) Sawzalls (elect) (25) Portable welding machines (3) Portable plasma: Spectrum 625 (6 sets) Oxygen & Acetylene Mapp gauges (20) Ladders – Ext & Step (4'–36') Assorted Electrical Test Meters - (2) Mega meter, (1) Fluke thermometer (36) Assorted Test Gauges Assortment of Specialty socket sets & hand wrenches (32 sets) Oxygen & Acetylene mapp gauges (various sizes - 18 gas & 14 oxy) (25) Burning & Brazing Torches (25) Elect Exhaust blowers (2) Track Cutters Anno-meter air flow (ventilation) Sound Level Meter: SL-120 Conductivity Meter Digital Meter for Humidity 0-100 lb. torque wrenches 0-250 lb. torque wrenches Dyno scale 1,000/10,000 (2) Refrigeration gauge sets
WELDING	(100+) Shipboard and shop Welding Machines (VARIOUS) (6) Stud Machines

TÉCNICO – MAYPORT, FLORIDA

Técnico's Mayport facility is located at 1543 Main Street, Atlantic Beach, Florida, within 15 miles of Naval Station Mayport. This facility possesses over 1,500 ft² of office space and 8,356 ft² of shop, storage of GFE/GFM, and receiving/warehouse space. The warehouse/shop area has a roof height of 18 ft, and there are multiple 10' x 12' roll up doors. Office space is located on a second, adjacent level and is comprised of seven (7) office areas. Outside work areas and storage are also available.

MAYPORT		 
Facility Location	Técnico Mayport 1543 Main Street Atlantic Beach, FL 32233	
Office Space	1,500 ft ²	
Fabrication Space	3,356 ft ²	
Storage GFE/GFM	2,000 ft ²	
Receiving/ Warehouse	3,000 ft ²	
Shops	<ul style="list-style-type: none"> • Inside Machine • Pipe • Structural: <ul style="list-style-type: none"> ◦ Welding ◦ Fabrication • Electrical • Rigging <p>Support Portable Tooling</p>	

Técnico's Mayport marine repair facility possesses the following capabilities:

- Shipfitting including cutting (gas, arc and shear), rolling, shaping, grinding and fitting steel plates and shapes
- Sheetmetal work including forming, shaping, cutting (gas, arc, water-jet, shear) and stamping steel and aluminum sheets
- Welding including welding plates and shapes (steel and aluminum), sheet metal (steel and aluminum) and piping joints and fittings inside and outside
- Pipefitting including targeting, fitting, bending, pickling, testing, stress relieving and threading all kinds of pipe (including brazing)
- Production Engineering including preparing work packages
- Machinist/Mechanical (shop & marine) including removing, machining, repairing, testing, cleaning, hydraulic flushing and reinstalling shafting, propellers, sea chests, foundations, diesel work, winches, elevators, hoists, davits, deck equip, pumps, valves and bearings, etc.

- Electrical including installation and checkout of ships' cabling, controllers, switchboards, equipment, motors (including motor rewind and repair), lighting, communications, telephones, solenoids, pressure level indicators metering
- Electronics including removing, repairing, (re) installing and operational testing of electronic equipment
- Rigging including availability of equipment to remove and install major ship components and equipment
- Woodworking/Carpentry
- Staging and Scaffolding
- Blasting and Painting
- Firewatch and General Support

Técnico's Mayport facility possesses the following major equipment in addition to the equipment shown in the table that follows:

- Jet Digitally-Controlled Drill Press
- Geka Hydracrop 165/S (Iron Worker)
- Dynatorch/Hypertherm CNC Plasma Burning Table
- Hyundai 30L Forklift

SHOP	EQUIPMENT
INSIDE MACHINE	15hp Ingersoll-Rand Air Compressor Drill Press 1/2" Floor Model Sand Blast Cabinet 6'h x 4'long x 2'w Chop Saw; Table saw 14" Web Lathe
PIPE SHOP	Horz. Band Saw 12"x6' Cutting and brazing torches Miller 350/304 welding machines (mig,tig and stick) Rigid Pipe Threader Lakeland hand pipe bender 3/8" to 1" Portable work tables 5' X 5' Heavy work table with 2 vices 10' X10' Fabrication table
STRUCTURAL / WELDING & FABRICATION SHOP	Darley Hyd. Shear Cap. 3/16" steel 10' long Chicago Dreiss & Krump 120 ton Hyd. Brake 10' long Tennsmith 4' 16ga Manual Shear Tennsmith 8' 16ga Manual Brake Tennsmith 8' 12ga Manual Finger Brake Durma Iron Worker 45 ton Numerous oxygen regulators 8' x 10' Burning table Rod ovens Portable plasma machine 1 1/4 cap Miller shop master welding machine (mig, tig and stick cap) Lincoln Flux core wire feeders Nelson stud machine 3/16 thru 5/8" dia studs Laminate stripping cutting machine 6" cap Wall mounted laminate saw 6' x 12'

SHOP	EQUIPMENT
ELECTRICAL	Banding Tool Mech. Crimping set Various meters (amp, Megger, Volt,)
RIGGING	Beam clamps up to 5 ton 1 ton chain fall 2 ton chain fall 3 ton chain fall 1 1/2 ton come along Numerous straps and slings dynamometer 0-10000 Lbs 3 ton "A" frames
PAINT	Airless Paint Damps Digital Psychrometer Coating Thickness gauge Insulation work table with roll rack
PORTABLE TOOLING	20' & 40" conex mobile tool & material trailer Air Rivet guns 3/8" Hand Drills Elec. 4 1/2" Elec. Grinders 7" Elec. Grinders Elec. Jig Saws Elec. Skill Saws Elec. Saw Zalls 1/2" Elec. Drills 4" Air Grinders 12" Elec. Blowers Needle Gun 2.5 gal water bottles Portable gang boxes Portable 440v Electrical Dis (sheds)