



FRANK'S
INTERNATIONAL

DEEPWATER FABRICATION

Deepwater Fabrication Facility

- Frank's International's Port of Iberia facility is a 100 acre tract with 70 developed acres, located in New Iberia, Louisiana. This deepwater fabrication facility is located 20 minutes south of Lafayette on Highway 90 and borders the commercial channel that enters the New Iberia port from the Gulf of Mexico (GOM).
- The Frank's facility has 5,220 ft. of waterfront access and is located 24 miles from the GOM and 8 miles from the Intracoastal Waterway. The commercial channel located adjacent to the Frank's facility is 13 ft. deep and 200 ft. wide. Waterfront access to Frank's facility can provide significant cost savings to customers, since pipe and large fabricated structures can be loaded out onto barges and workboats without any associated trucking cost.
- Frank's facility has a 260 ft. wide by 100 ft. long building with four bays for fabrication of top tensioned risers (TTR), steel catenary risers (SCR), flowlines (FL), drilling risers (DR), high-pressure/low-pressure (HP/LP) housing joints, and other specialty fabrication projects. A fifth bay, 100 ft. wide and 50 ft. long, is available in an adjacent building for fabrication of large outer diameter (OD) tubulars and structural components such as mudmats for pipeline end terminations (PLET). A hex joint rack for welding of SCR, flow lines, tendon and piling joints up to 300 ft. in length is also available. A 450 ft. long bulkhead with two engineered crane pads has been designed to handle cranes of up to 750 ton capacity. Fifty acres of compacted limestone with pipe racks are available for storage of pipe, factory acceptance testing (FAT) or systems integration testing (SIT).
- Frank's offers fabrication services at this waterfront facility, with a special emphasis on fabricating welds in tubulars, meeting stringent fatigue requirements such as DnV Class C, E and fracture toughness properties. With regard to welding processes, automated GTAW, GMAW, FCAW and SAW welding are all available at this facility. Welding procedures are qualified using premium welding consumables with controlled heat input using automatic welding machines and tight control of the pipe rotational speed to achieve stringent fatigue requirements and high fracture toughness in the weld metal and heat affected zone (HAZ). A proprietary internal line-up clamp with the capability to align two components is utilized to reduce radial and axial misalignment and minimize hi-lo. Specialized remote video-probe equipment is used to measure the ID hi-lo and also examine the root profile of the weld on the ID. Automated or programmable welding and pipe handling systems are utilized to maintain consistency in heat input during production welding. Remote controlled ID grinding machines equipped with infrared cameras are utilized for grinding ID weld reinforcement to meet fatigue requirements.
- Additional services such as epoxy coating, TSA coating, thermal insulation coating, hydrotesting, and automated ultrasound testing (AUT) inspection of welds are also available through experienced sub-contractors on site or in close proximity to the facility.





WELLHEAD SYSTEM FABRICATION -

Specialized wellhead system components are welded at dedicated fabrication stations with the use of adjustable rollers, overhead cranes and welding machines mounted on manipulators that swing out of the way for ease of handling after fabrication. Specialized components refer to high pressure/low pressure wellhead housing joints, casing hanger adapter joints, jet shoe joints, and float shoe joints.

FABRICATION OF CONNECTORS to pipe in sizes ranging from 18 5/8-inch through 36-inch OD is routinely performed at the Frank's deepwater fabrication facility. An assembly line type fabrication set-up is used to weld pin and box connectors on either end of the pipe with dedicated stations for fit-up/alignment, root pass welding and fill & cap welding.



TOP TENSIONED RISER FABRICATION -

Frank's was one of the first TTR fabricators in the GOM back in the early 1990s. Frank's has compiled one of the largest databases in the industry for fatigue and fracture toughness test data of girth welds related to TTRs.



FABRICATION OF DRILLING RISER

components including main body, choke & kill lines, booster line, and hydraulic line.

SPECIALTY JOINT FABRICATION

Frank's has successfully fabricated critical components such as flex, keel, stress, and telescopic joints. Extra care is taken during handling and assembly of specialty joints with designated lifting points and the use of certified slings and shackles.



TENDONS are fabricated in several stages throughout the facility and our hex joint rack allows up to four (4) pipe-to-pipe welds simultaneously.

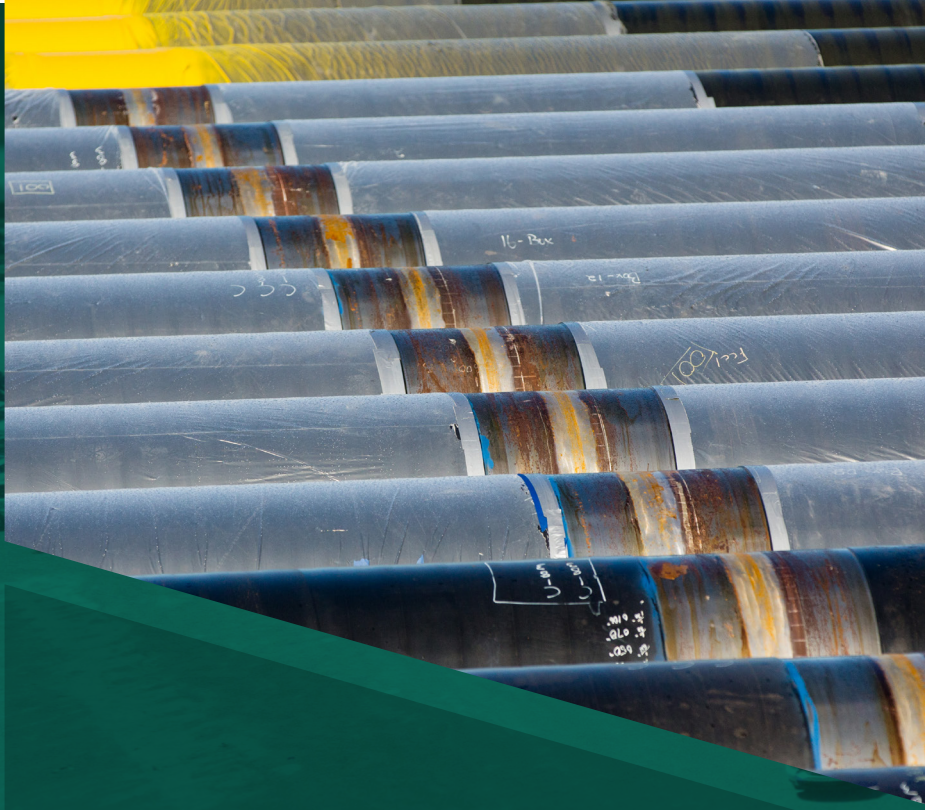


STRUCTURAL FABRICATION including pipe line end termination (PLET), transportation frames, shipping containers, and grillage can be performed in either of our open bays/tents, and/or at the bulkhead for ease of loadout onto barges.

LOGISTICS SERVICES Frank's is a proven provider of logistics and support service solutions such as refurbishment and make-ready operations that include anode, fairing, strake, and buoyancy module installation, ID/OD cleaning, preservation, and inspection of riser joints.



RENTAL of certified bolster frames, including slings and shackles, workspace and storage footprint are all available.



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