



OIL & GAS FABRICATION

CERTIFICATIONS:

As a leader in heavy industrial steel fabrication, Twin Brothers holds several industry certifications:

- ISO 9001:2015 Certified.
- ASME Code VIII, Div. 1 (U Stamp); Div. 2 (U2 Stamp); and NBIC (R Stamp) Certified.
- AISC Certified.
- Veteran-Owned and Certified.
- Small Business Certified.



OIL & GAS



INDUSTRIAL



INFRASTRUCTURE



RENEWABLES

STEEL FABRICATION & TUBULAR PIPE MANUFACTURING FACILITY

A LEADER IN OIL & GAS LARGE-SCALE STEEL FABRICATION

FABRICATION

Twin Brothers Marine (TB) offers countless fabrication capabilities for the oil and gas industry. Our specialty in the offshore fabrication market is large structures, such as fabricated steel jackets and steel decks. Our services are ideal to support subsea infrastructure development. Twin Brothers has vast experience in fabrication of suction piles and driven piles. With direct access to the Gulf of Mexico and the largest production capacity in the market, we are the best and most efficient at what we do.

Twin Brothers is capable of producing up to 40,000 tons of rolled and welded pipe annually, specializing in fabrication work, plate rolling and ASME coded vessels.

As a major international steel fabricator certified to ISO 9001:2015 quality standard, Twin Brothers is capable of fabricating a wide variety of structures for various applications such as:

OFFSHORE STRUCTURES

TB has decades of experience in fabricating jackets, modules and decks, complete with all process equipment, piping and inter-connecting bridges.

Four-pile Support Structure

- Project type: Four-pile support structure.
- Location: Gulf of Mexico.
- Scope of work: Fabrication included jacket, piles, deck and helideck, totaling 3,023 tons.
The final projects were delivered to the client via vessel.

Crude Oil Degassing Boot Modification

- Project type: Crude Oil Degassing Boot Modification.
- Scope of work: Fabrication of vortex cluster tube and buckets weighing 40 tons and transported by truck.

SUBSEA EQUIPMENT

TB provides proven quality fabrication of fabricating subsea structures such as suction piles, PLEM, PLET, Manifolds and Jumpers.

PLET Suction Piles

- Project type: PLET Suction Piles.
- Location: Gulf of Mexico delivery.
- Scope of work: Seven pieces weighing a total of 700 tons.
Transported by barge to final destination.

Hurricane Support Structures

- Project type: Hurricane support structures.
- Location: Delivery to Gulf of Mexico.
- Scope of work: Monopiles and Pins weighing 900 tons fabricated and transported by vessel to destination.

PRESSURE VESSEL FABRICATION

TB specialized in the fabrication of large capacity cargo tanks for the marine transportation and LPG industries.

Fabrication options for our Liquefied Petroleum Gas (LPG) industry clients include the provision of cargo tank design and fabrication and onsite provision of post weld heat treatment (stress relieving) via Twin Brothers' custom-designed furnace, which is the largest in the United States.

Cargo Tanks

- Project type: Cargo tanks.
- Scope of work: Fabrication of ASME VIII Div. 1 coded 1,400-ton tanks, heat treated in PWHT furnace and transport.

Cargo Tanks for LPG Transportation Barge

- Project type: Oil and gas marine transportation.
- Location: U.S. inland and offshore waterways.
- Scope of work: Fabrication of four cargo tanks each being 17 feet diameter by 203 feet in length. Each tank weighed 350 tons.
- Challenges faced: Complex load out plan requiring multiple cranes.
- Delivery time: 12 months fabrication time.



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