

Fabrication Services

Capabilities

Overview

OceanWorks International designs and builds subsea equipment for clients all over the world. Our Houston operation specializes in the fabrication of subsea field development hardware, structures and tooling, including:

- ▶ ROV frames / tooling skids
- ▶ Standard / custom ROV tooling
- ▶ ROV interface panels
- ▶ Subsea skids, frames and structures
- ▶ Spreader bars
- ▶ Pig launchers / receivers
- ▶ PLETs / PLEMs
- ▶ Choke & kill lines
- ▶ Jumpers and pipe spools



Features

Welding Capabilities

OceanWorks offers a wide range of welding capabilities to meet the stringent demands of the offshore industry. Welding services meeting the following industry standards are offered, including but not limited to:

- ▶ API 1104
- ▶ AWS D1.1 / D1.2 / D1.6
- ▶ ASME section IX

We maintain a wide range of welding equipment and have developed and certified welding procedures for the following processes:

- ▶ GMAW (MIG)
- ▶ FCAW (Fluxcore)
- ▶ SMAW (Stick)
- ▶ GTAW (TIG)
- ▶ SAW (Subarc)

Fabrication Services

OceanWorks Houston provides both “design / build” and “build-to-print” services for specific client requirements. We can provide a full range of product documentation, including:

- ▶ Design data books
- ▶ Manufacturing record books
- ▶ Assembly and test procedures
- ▶ Test and inspection reports

Our fabrication team is highly experienced in offshore/ oilfield welding and offers capabilities to weld the following materials:

- ▶ Mild steels
- ▶ Stainless steels
- ▶ Duplex stainless steel
- ▶ Aluminum

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Offsite Welding Services

OceanWorks offers turnkey offsite welding services on a 12 hour or 24 hour per day basis. Our teams come fully equipped to perform all required welding, post-weld heat treat, and NDE services.

Testing Services

We offer a full range of testing services after completion of fabrication. From the simplest FAT, to DNV-witnessed Load Tests to full blown SITs, we have the facility and staff to safely test your equipment.



Specifications

Facilities

Our Houston facility offers a wide range of fabrication and testing facilities, including:

- ▶ Input range 300VDC to 400VDC, nominal 375VDC
- ▶ Over voltage and transient protected
- ▶ Communications options (select on build)
 - 1000BaseLX SM fiber optic Gigabit Ethernet
 - 100BaseT Copper Ethernet
- ▶ Wet-mate connector standard

ISO 9001-2008

OceanWorks International Inc.'s Houston facility maintains a Quality Management System that is certified under ISO 9001-2008 by Det Norske Veritas.