



Orbital Welding

Pre-qualified
welding procedures



oil and gas industry ... EXPERTISE

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Orbital Welding

Pre-qualified welding procedures.

Oil and gas industry
... EXPERTISE

HCS Control Systems has an extensive library of pre-qualified welding procedures to cover a range of materials and sizes.

HCS Control Systems has the capability to weld any product within the HCS portfolio or customers equipment outside the HCS portfolio. This could include work to be carried out from within subsea structures, Xmas Trees to subsea terminations on umbilical assemblies.

HCS Control Systems has a vast amount of experience within the oil and gas industry, specifically within the installation and welding of controls and chemical injection tubing on subsea installations by means of utilizing the orbital welding process.

This has allowed HCS to build an extensive library of pre-qualified welding procedures to cover a range of materials and sizes.



Welding procedures to suit any client or project specification

Pre-Qualified Material Combinations

- 316L - 316L • Super Duplex - Super Duplex
- Duplex - Duplex • Inco 625 - Inco 625
- Nitronic 50 - Nitronic 50 • 6Mo - 6Mo
- 316L - Nitronic 50 • 316L - Inco 625
- 316L - Super Duplex • 316L - Duplex
- 316L - 6Mo • Super Duplex - Nitronic 50
- Super Duplex - Inco 625 • Duplex - Inco 625
- Duplex - 6Mo

Ability and Expertise

HCS has the ability and expertise to generate new procedure to any client or project specification, including;

- ASME IX • Norsok M - 101 • ISO 15614 - 1

Specialised Orbital Welding Equipment

HCS have a large amount of specialised orbital equipment covering autogenous welding as well as wire feed welding.

- AMI welding equipment • Orbitec welding equipment



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