

North Amethyst Subsea Manifold



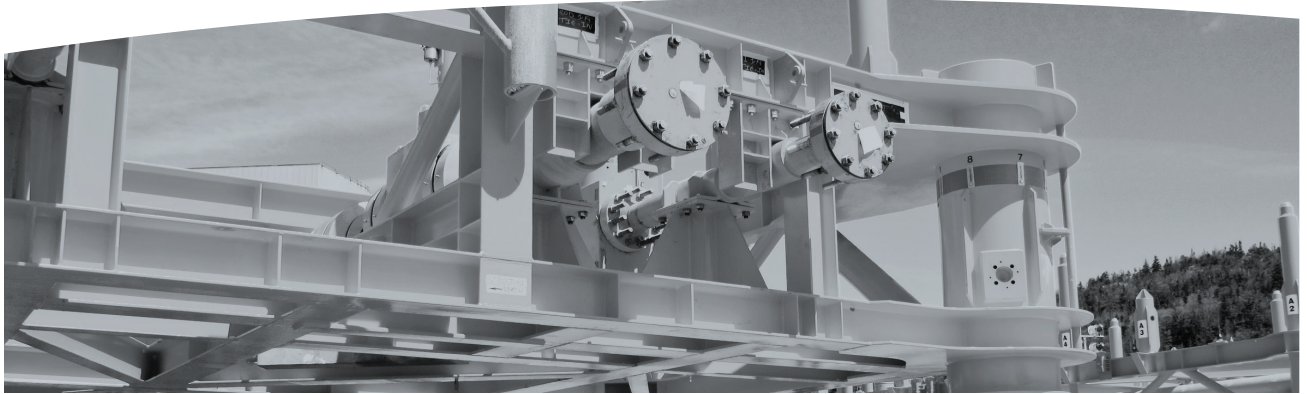
CLIENT: Husky Energy

TYPE: Structural Fabrication, Mechanical, and Piping

SECTOR: Oil & Gas

DURATION: 2008 – 2009

LOCATION: St. John's and Bull Arm, NL



North Amethyst is a subsea satellite field development tied back to the Searose FPSO.

Scope of Work

Cahill was awarded a contract to fabricate 15 subsea manifold frames and hook-up spools for North Amethyst including:

- Fabrication, coating, and thermal insulation of high pressure duplex and super duplex pipe spools.
- Integration of piping and subsea valves, hydraulic connectors, and related equipment.
- Fabrication and installation of high pressure hydraulic tubing including pipe flushing and pressure testing.
- Equipment integrity testing including simulation of offshore hook-up activities.

Highlights

- Full penetration welding of large dimension beams to tight dimensional tolerances, subject to X-Ray and UT inspection.
- 900+ high pressure duplex and super duplex pipe welds.
- Complex materials including duplex, super duplex, stainless steel, and low temperature carbon steel.

Quick Facts

870 tonnes – combined component delivery weight.

First subsea tieback project offshore Canada.