

Project Summary



Client:

Chevron Australia

Location:

North West Shelf, WA, Australia

Gorgon LNG Custody Transfer System

Project Summary:	<p>Synertec were initially engaged to undertake a gap analysis, ensuring compliance to the Gorgon LNG Lifting Agreement. This gap analysis outlined a number of deficiencies with the current system. As a result, the scope of this project was to rectify the existing system and to ensure compliance to the Lifting Agreement and other relevant Standards.</p> <p>The scope of works delivered by Synertec included:</p> <ul style="list-style-type: none">• LNG Composite Sampling Vaporisers, including:<ul style="list-style-type: none">○ Dual Insertion probes○ Manual Sample Point for mercury○ Stream switching assembly/panel○ Accumulators○ Installation Frame• LNG Composite Sampling System, including:<ul style="list-style-type: none">○ Sample Shelter○ Static Mixer○ Gas Holder○ 3 Cylinders (2x1L, 1x4.3L)○ Manual Spot Sampling points for compositional analysis and impurities○ Lighting
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SYNERTEC

	<ul style="list-style-type: none"> ○ Sampler Controller ○ SilcoNert 2000 coated electro-polished tubing • LNG Composite Analyser House, including: <ul style="list-style-type: none"> ○ Gas Chromatographs ○ Sample Conditioning Systems ○ Remote I/O's ○ Calibration Gas Cabinet <p>General Deliverables:</p> <ul style="list-style-type: none"> • Detailed Design and Engineering • System programming and configuration • Project Management, coordination, planning, reporting, quality and safety • Operation and Maintenance Training • Site service support including: - • Supervision of offloading and installation • Supervision of connection to services and purging • Technical assistance prior to SAT
Technologies:	<p>Emerson 700XA GC's</p> <p>Krohne LOCS</p> <p>Allen-Bradley ControlLogix PLC's and HMI</p> <p>Opta-Periph Vaporisers and Gas Holder</p>