

Chevron Australia Gorgon Development LNG Plant, Barrow Island. **Meg Injection Skid Package**



MEG INJECTION SKIDS

Custom designed, manufactured, built and tested, these three MEG Injection skid packages by Australian Fluid Handling (AFH) provides the Gorgon Project the means to supply Monoethylene Glycol (MEG) at high pressures for their CO₂ compression Trains.

Each MEG Injection Skid Package comprises of two Milton Roy dual head double diaphragm injection pumps in accordance to API 675 with Siemens 30kW Motors. Each High Pressure pump head is rated for 750 lph@219 Barg and the Medium Pressure pump heads are rated to 450 lph@30 Barg. The pumps have a manual stroke control system which can be set via individual hand wheels.

Each skid comprises of four injection lines and four recycle lines with pulsation dampeners, actuated on-off valves for shutdown and recycle, pressure transmitters, pressure relief valves, integral double block and bleed valves, multi-staged orifice spools, suction strainers, a calibration pot, spring assisted check valves and isolation and drain valves as required for operation and maintenance of the package. Each skid is 9.8m L and 2.8m W complete with galvanized drip pan and weighing approx. 12t.

These skid packages were designed and delivered to the highest standard with full factory acceptance testing, SS316 equipment, painted SS 304 piping rated to ASME Class 1500 and 2500 and in line with Chevron's full specifications and quality assurance requirements.

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