

CASE STUDY

GORGON AND WHEATSTONE LNG PLANT CONSTRUCTION

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VERTECH

INTRODUCTION

Vertech undertook a major project to supply rope access teams for quarantine inspections on modules arriving at Barrow Island from Asia. The early stages of the project quickly highlighted Vertech's broader capabilities, demonstrating how rope access could effectively support a variety of trades and inspections across complex worksites.

PROCESS

Throughout the project, Vertech's trade-qualified rope access teams delivered multiple scopes—including mechanical works, welding, and inspections—without the need for separate scaffold contractors or external labour. This integrated approach resulted in significant cost and time savings, with work packs completed well under budget. One example of this innovation was the confined space borescope inspection and cleaning of over 800 metres of header lines, made possible through safe rope access and confined space systems. The team's ability to rapidly mobilise and access any plant area allowed for quick, effective responses that traditional methods could not match.

OUTCOME

Vertech deployed a total of 95 personnel, completing nearly 300,000 person-hours without a lost time injury (LTI). Services included pipefitting, hydraulic and mechanical fitting, welding, structural rigging, Ex equipment maintenance, cabling, and coatings. The knowledge and practices developed during the Gorgon project not only ensured project success but also proved adaptable to future work in the petrochemical, construction, and maintenance sectors, highlighting Vertech's versatile and scalable approach.

