CASE STUDY

GWA TURNAROUND

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VERTECH

INTRODUCTION

Vertech was engaged to replace an ageing exhaust stack and carry out structural remediation on a flare tower during a 28-day turnaround on the Goodwyn Alpha (GWA) platform. Despite the constraints posed by COVID-19 lockdowns, Vertech's multidisciplinary team—including IRATA rope access, mechanical, rigging, inspection, electrical, coatings, and scaffolding personnel—successfully delivered the project. Strong site-based leadership played a key role in ensuring the shutdown was executed safely and effectively.

PROCESS

Within just five weeks' notice, Vertech mobilised a project team and began detailed planning in close collaboration with the client and their EPCM, all under strict pandemic-related restrictions. The scope included project scheduling, HAZID workshops, work pack development, and equipment mobilisation. A key innovation was the pre-shutdown inspection of the new exhaust stack at the Karratha Supply Base, which ensured material readiness and reduced offshore risk.

Vertech also aligned closely with the client's Integrated Activity Planners to streamline execution. Personnel underwent project briefings, hazard reviews, and Verification of Competency assessments to maintain safety standards and operational efficiency.

OUTCOME

The project involved removing and replacing the turbine exhaust stack, alongside fabric maintenance and inspections of the flare tower. All works were completed safely within the strict execution window and under budget by $12,000. The replacement of the 20-year-old exhaust stack restored structural integrity and mitigated future risk, underscoring Vertech's capability to manage complex offshore projects under challenging conditions.