

CASE STUDY

GLADSTONE LNG JETTY TENSION NETTING

✉ info@vertechgroup.com.au

🌐 www.vertech.com.au



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INTRODUCTION

The client engaged Vertech to carry out maintenance on the Gladstone LNG Jetty, marking Vertech as the first rope access contractor approved to operate on a Bechtel site in Gladstone. The work scope included coatings and concrete repairs, as well as visual inspection of the jetty's underside. Due to the limited accessibility beneath the structure, the client requested Vertech to develop a specialised access solution.

PROCESS

Vertech designed and installed multiple tension netting work platforms beneath the jetty to safely access difficult areas. These engineered platforms, approved by a Registered Professional Engineer of Queensland, allowed efficient and secure positioning for inspection and repair tasks. The system reduced manual handling, time spent in harnesses, and working-at-height exposure. The fast installation also enabled quicker progression of works and contributed to meeting the client's schedule.

OUTCOME

The combined use of tension netting and rope access significantly enhanced the efficiency and scope of the works. It enabled full inspection access to the underside concrete beams—beyond what traditional rope access alone would permit—without the need for costly scaffolding. The system also proved easy to install and remove in adverse weather conditions, and its stable, trafficable surface helped speed up site inspections, supporting project efficiency and safety.

