



Rope Access - BARZAN Wellhead Platforms



Client	Rasgas
Project	Barzan Gas Project
Location	Persian Gulf
Size of contract	Compact
Outcomes	• project completed with zero LTI's

OVERVIEW

The scope of this project was to support the client with overboard and areas considered difficult to access by scaffold with specialist Rope Access solutions. This was to enable various construction works on wellhead platforms Barzan-1, Barzan-2 and Barzan-3. Due to the client requirements, this job was completed in five phases.

PHASE ONE

Scaffolding to support on-board and overboard construction works commenced in October 2013. We provided both scaffolding and rope access teams (RAT) as well as rigging support, which entailed 65,771 man-hours throughout the duration of the project. Phase one involved the construction of suspended scaffold platforms under the production deck for HHI Piping Department and Flange Management Department to enable further access to install flanges, valves and support brackets. This was the initial scope. RAT teams were deployed and these tasks continued throughout the project until its completion in November 2014.

PHASE TWO

Started in January 2014 to support for HHI Electrical and Instrumental departments, RAT teams installed suspended access platforms overboard. Scope was further extended to rope access works in suspension, including pulling cables into cable trays under the decks, installing cable tray covers, cable banding and earth cables.

PHASE THREE

Started in January 2014 to support for HHI Painting Department this phase continued throughout the project until November 2014. Painting works using rope access were not included into the original scope of works and evolved as an add-on feature on client's request. RAT teams performed touch up painting in difficult to access areas around the platform, from helideck to jacket level.

PHASE FOUR

Started in March 2014 to support HHI Structural Department, this phase also lasted until the end of the project. RAT teams installed lifting accessories in difficult locations, performed cross-hauling lifts of steel platforms, pipes, valves and 32 inch sub-sea spools of different shapes and configurations.

PHASE FIVE

Started in May 2014 to August 2014 and included inspection and maintenance of pedestal cranes. RAT teams assisted lifting equipment inspectors to resolve issues related to wire ropes on pedestal cranes. This phase also was not planned initially and was added to the scope of the project later.

Throughout the duration of the project the client and their vendor, HSE, requested various on-board and overboard rope access drills, which we have successfully executed using pre-installed rescue systems, stretchers and cross-haul above the water.

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FOR MORE INFORMATION

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