



PCHE Heat Exchanger Cleaning Project

Objectives:

- Carry out specialist cleaning on HP and Export Gas PCHE Heat Exchangers, to increase efficiency for additional throughput.
- Set out Workscope to accommodate the BG-Group Shutdown parameters.
- Ensure all cleaning set up conforms to BG-Group offshore safety requirements.
- Safely perform Chemical Cleaning and Gas Puffing operations on HP and Export Gas PCHE Heat Exchangers.
- Demobilise and complete work in accordance to BG-Group timeframe.
- Complete all work safely while working within hazardous working environment.



Results:

- Mobilised full spread of equipment plus 6 personnel.
- Successfully performed all Chemical Cleaning and Gas Puffing of required PCHE Units with zero incidents.
- All work completed within BG-Group timeframe and ahead of schedule.
- Demobilised all equipment and personnel in time for plant return to production.



Value to Client:

- PCHE efficiency increased allowing additional hydrocarbon throughput.
- Gas Export increased by 32% on pre-shutdown levels.



Location:

Offshore, UK North Sea

Installation:

BG Armada Platform

Products/Services:

Chemical Cleaning / Gas Puffing