

DRON & DICKSON CONTROL PANEL REPLACEMENT

Case Study





Our highly experienced team of Project Managers & Technicians provide a complete turnkey survey, design and engineering service to assess and replace obsolete hazardous area electrical equipment.

The Background

An Operator was experiencing problems with a control panel onboard a North Sea asset. The panel was in poor physical condition and nearing the end of its working life. A replacement control panel was required to ensure continued safe use of the Chemical Injection Skid. Due to our extensive experience installing, maintaining and replacing hazardous area electrical equipment, Dron & Dickson were approached to consult on a solution.

The Project

The panel was one of three required to provide control, alarm and indication of the Chemical Injection Skid. The replacement control panel was designed by Dron & Dickson to ensure minimal disturbance to the existing electrical and mechanical infrastructure. Cable entries and structural fixing locations were matched to create a 'plug and play' solution.

- The control panel was isolated and all outgoing cables labelled and disconnected to allow removal. In conjunction with the clients rigging team the new control panel was then lowered into place
- Dron & Dickson's highly trained technicians then proceeded to re-gland, terminate, label, test and commission all outgoing cables
- Dron & Dickson supplied all materials for the project including the control panel, cabling, cable glands, cable markers/consumables and containment
- Work pack and commissioning procedures were provided by the dedicated Onshore Engineering Support Team

The Result

The project was completed within the client's TAR plan timelines and the new control panel is fully operable, fit-for-purpose and compliant.

Before



After



For more information please visit our website:
dronanddickson.com