

# DRON & DICKSON

## DISTRIBUTION BOARD REPLACEMENT

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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 had a requirement to update a distribution board on-board a North Sea asset. The existing board had been in use since 1991, had exceeded its reasonable working lifetime and was in poor physical condition. Failure of some major, now obsolete components that could not be replaced drove the decision for an upgrade to a suitable, modern, fit for purpose replacement.

Due to our extensive experience installing, maintaining and replacing hazardous area cabling equipment, Dron & Dickson were approached to consult on a solution.

#### The Project

The existing distribution board was isolated and all outgoing cables labelled and disconnected for removal. Small modifications were made to the existing framework then in conjunction with the clients rigging team, the new fully assembled distribution board was put in place. The new system was designed to 'plug and play' for minimal disruption and downtime.

- Dron & Dickson Technicians then proceeded to re-gland, terminate, label, test and commission all outgoing cables
- Dron & Dickson supplied all materials for the project including the distribution board, 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 timeline and the new distribution board is fully commissioned, operable and compliant.

#### Before



#### After



For more information please visit our website:  
[drondickson.com](http://drondickson.com)