



# CASE STUDY



### Location

Newcastle, Hartlepool  
Cambridge.

### Area of operations

- Subsea
- Manufacturing
- Energy



Pentagon Assurance LTD were asked by JDR cables to provide assurance systems support to embed explosive atmospheres (ATEX) protections into the design and manufacture of subsea cable reelers.

Embedding the necessary ATEX standards to ISO requirements required a project led approach engaging a broad spectrum of stakeholders across the business to identify a broad ranging failure, mode, effect analysis (FMEA) against the relevant ISO standards. Pentagon then implemented remedial measures to address the identified gaps with the client team.

The project took 7 weeks to complete including compilation of evidence to achieve third party accreditation.



### WHAT OUR CLIENT SAID:

*To be able to offer reeler systems with this certification is a real coup in the industry. You were set a very demanding target, pulled out all the stops and we have passed the audit on schedule. Thanks for your support, effort and detail.*

Rod Dalton, QHSE Director

- T +44 (0) 191 481 3490
- M 07973 686 727
- E [barrycooper@pentagonassurance.com](mailto:barrycooper@pentagonassurance.com)
- W [www.pentagonassurance.com](http://www.pentagonassurance.com)
- A One Trinity Green,  
Eldon Street,  
South Shields,  
Tyne & Wear  
NE33 1SA



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