



## **Job Specification – Offshore Troubleshooting Role in Offshore Process Control**

Location: Aberdeen (Hybrid working between home and office)

Company: Core Energies Limited

Education: Degree Level Qualified Engineer in Instrumentation and Control, Electronics or Mechatronics.

Ideally a Chartered Engineer

### **The Role**

This is an excellent opportunity for a talented Instrument and Control Engineer to join our Aberdeen-based office to work in the offshore sector, troubleshooting offshore problems. Work is primarily based in the UK sector although overseas roles occur occasionally.

### **Skills Required**

You'll have worked in a similar role previously and have the proven ability to work effectively as part of a team.

You'll have a deep understanding of the offshore oil and gas industry with knowledge of the oil and gas processes, and it is likely that you will have 10+ years of offshore experience.

Will understand the equipment involved with fixed and floating installations and will understand the challenges that occur with slugging from remote subsea tiebacks.

Will understand and be able to maximise the throughput, efficiency and environmental performance of each type of oil and gas processing facility and be able to do this within a short timeframe.

You will be confident in nature and be able to client face with offshore personnel at all levels and provide confidence that you can resolve issues without adversely impacting the day-to-day production revenue. You will also liaise with onshore support teams prior to, during and after an offshore mobilization. You will be able to identify further production enhancement opportunities for the Clients.

You will be flexible in nature and be able to visit offshore installations to resolve issues on an ad hoc basis for both short and longer durations.

You will have good report writing skills and will be able to prepare reports that detail the high-level business benefits or opportunities that exist and be able to explain the technical minutia when required to ensure all parties can appreciate the issues and resolution required.

Will have a detailed understanding of gas compression systems / equipment and will be able to diagnose and resolve operating problems with compressors and be able to solve antisurge and load sharing compressor control problems.

Will be able to solve operational problems with flaring and produced water systems in a tightening environmental environment.

A good understanding of DCS and ICSS systems and how to specify improvements.

You'll have a good knowledge of software-based loop tuning/analysis packages on the market. You will also have practical experience and be able to calibrate transmitters and valve positioners of all types.

You will understand Functional Safety and understand the importance of Management of Change and what level of approvals are required when making changes.

You are working actively towards Chartership (Or have already achieved this)

### **Job Type:**

Contract Basis with rate commensurate on experience and qualifications