

Commissioning Engineer

Location:	Bristol
Salary:	Competitive
Hours:	40 hours per week
Contract:	18 to 24 month PAYE Fixed Term Contract

The Ortec Group offers a high value-added engineering service. Founded on the expertise of engineers and technicians, combining knowledge of industrial sectors, field culture with more than 30 years' experience, Ortec Engineering is 40 agencies in France, a presence on four continents and two offshore production centres.

Design engineering provides a varied foundation of complementary skills to meet a broad range of traditional technical engineering needs. To facilitate discussions and to be more responsive and available, the Ortec Group has chosen local offices: located as close as possible to our customers, they bring together all the trades involved in a given project in one place.

The role:

As part of the expansion of our Engineering and Projects activities, we are recruiting Engineers to support us in our growth in the Nuclear Energy sector. We are looking for Engineers who have experience in the nuclear sector, either within the generation fleet, EPR nuclear new build (Olkiluoto, Flamanville, Taishan or Hinkley Point C) or other relevant nuclear site (Sellafield, ITER...)

Sonovision will provide a Training program based on ORTEC experiences in French Nuclear engineering if required.

Key Tasks and Responsibilities:

Reporting to the Business Unit Manager, fulfil the role identified below

To prepare, check and approve the following deliverables:

- Plat-form Test Procedure (PTP) and its related study file aiming at validating I&C functions at test bay for the operational control system (SPPA-T2000 S7)
- Sufficiency Analysis Note (SAN) and its related study file demonstrating the proper test coverage of the safety functions assigned to a system
- System Commissioning Programme (SCP) and its related study file
- Commissioning Procedures (CP) and its related study file

Such activities are based on design documentation, customer engineering methods, standards and processes as well as commissioning documentation and feedback from other EPRs.

Main steps of the delivery process are:

1. Preparation phase
 - Confirm the project data & internal organization with the discipline Lead (budget, time schedule, author – checker – approver)
 - Identify the relevant stakeholders and means

- Check the maturity of the input data against RC2 CS2 configuration and/or upcoming changes
 - Collect OPEX
 - Record risks in the related register and propose mitigation plan, if any
 - Arrange pre-job brief / kick-off meeting
 - Open the study file
2. Execution phase
- Produce the deliverables in compliance with Edvance engineering procedures and taking into account OPEX from other EPR projects
 - Get the deliverables checked by the relevant parties – resolve outstanding issues and comments
 - Survey commissioning deliverables elaborated by others (e.g. contractors) with respect to project standards
 - Feed the study file as tasks evolve
 - Support I&C function tests (PTP) at test bay (France) including test result assessment
3. Monitoring phase
- Report progress towards initial time schedule & budget
 - Update risk register on a need basis
4. Close out phase
- Get approval of the deliverables by the relevant parties without comments (PTP, SAN, SCP and CP)
 - Store both the above mentioned deliverables and associated study files in the EDMS

Frequent travels to France are planned

The right candidate will have the following skills and background:

Essential:

- A significant engineering experience in the power generation or process industries with heavy regulatory constraints is required.
- Including the drafting of mechanical and monitoring equipment testing guidelines and procedures / instructions.
- Functional knowledge of systems is expected (Wastes, HVAC, NSSS)
- I&C logic diagrams reading and understanding are required
- Ability to propose fit-for-purpose technical solutions in their area of expertise
- Capability of coordinating technical topics which may involve several engineering disciplines (mechanical/HVAC, electrical, I&C) and suppliers
- Good writing skills with a focus on the drafting of test procedures and test coverage substantiation files
- Rigor in the production and review of deliverables
- Ability to work in a team, in an international and multicultural environment
- Relational ease with customers and partners

Desirable:

- A first commissioning experience is a plus (commissioning test experience on a nuclear site, or commissioning procedure elaboration).

- A commissioning experience on an EPR project I&C test bay (or writing of associated procedures) is also appreciated

Screening:

- Do you have minimum 10 years' experience?
- Do you have a functional knowledge of systems?
- Mechanical, Instrumentation, Electrical or Process Engineering degree or equivalent qualification?
- Are you eligible to live and work in the UK, with a valid Passport?

If you are interested in joining our team, send your CV to:

Karen Angel

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