

Layout CAD Designer

Location:	Bristol
Salary:	Competitive
Hours:	40 hours per week
Contract:	12 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:

- Creation and modification of the PDMS 3D-Model, by modelling:
 - Components and equipment,
 - Civil structure,
 - Steelwork,
 - Pipe lines,
 - HVAC ducts and components
 - Electrical cable trays, boxes and cabinets.
- Carrying out layout engineering studies (positioning of equipment, pipe routings etc.), ensuring that the Layout Rules are correctly followed.
- When requests for changes are issued by the various engineering teams, incorporation of changes into the 3D model, having checked for technical consistency.
- In the event of any technical problems or deviations, provides information to the relevant Layout Leader, offers technical advice and makes corrections to the 3D model. Produces 2D drawings associated with layout engineering (general arrangement layout drawings, equipment sketches...).
- Performing of 2D-3D-Checks (3D-Model check against P&ID, Single line diagrams etc.)
- Performing component introduction, installation or maintenance simulations; preparing layout studies.

The right candidate will have the following skills and background:

- Good knowledge and understanding of general layout rules for an industrial project.
- Knowledge of the general operation of a nuclear power station and the associated safety aspects (in particular, aspects relating to flooding, fire, radiological protection, high energy line ruptures, etc.).
- Good knowledge of design software including:
 - PDMS or equivalent 3D design software
 - AutoCAD 2D
 - Navisworks
 - Microsoft Office

Screening:

- Do you have experience in layout CAD activities?
- Do you have a general knowledge of a nuclear power station and its associated safety aspects?
- Are you competent in the use of PDMS, AutoCAD and Navisworks?
- 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

Email: karen.angel@sonovision.co.uk

Phone: 01462 673820

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