

Certification Engineer

Department:	Engineering
Discipline:	Certification
Reports to:	<i>Site Engineering Manager</i>
Based at:	<i>Lucca</i>

Job Purpose:

Working collaboratively as part of a high performing team, the Certification Engineer will deliver effective and fit for purpose solutions to our customers globally. Using the Rotork Process you will be responsible for certification aspects, including:

- development of core products
- maintain the current product portfolio
- new feature requests and product enhancements
- development of new innovative products
- adherence to formal design principles using best practice processes
- collaborating with key project & business stakeholders
- delivering high quality solutions using continuous improvement tools and techniques

He/She will need to be proactive, hands on and driven to ensure the delivery of all activities in line with agreed deadlines.

Main Responsibilities:

- Fulfil requirements of SIL functional safety (IEC61508/11) and certification compliance (ATEX, PED, ABS....).
- Develop and manage product FMEDA.
- Undertake design reviews to ensure that Rotork designs & solutions comply with specifications and relevant standards.
- Respond to stakeholder specifications.
- Develop & provide cost estimates in collaboration with all business disciplines.
- Present analysis results and project solutions to key stakeholders such as technical leads, senior leaders and customers as necessary.
- Develop and execute functional and non-functional test specifications to ensure compliance to requirements.
- Development and preparation of technical records and reports as may be necessary to demonstrate compliance with associated specification and any relevant standards.
- Design to meet internationally recognised standards.
- Provision of technical support to key internal and external stakeholders as required e.g. Sales, Service, Production, Buying and Quality Departments.

Qualifications and Technical Experience

- Bachelor's Degree in Mechanical/Electrical or Industrial Engineering or equivalent experience.
- Previous industrial certification experience.
- Proven experience of functional and risk analysing & enhancing existing/new products used in an embedded application (actuator plus hydraulic and/or pneumatic & electric control).
- Use of the Microsoft toolset - for technical documentation.

Required skills and experience:

- A team player that shares knowledge and insights, but also able to demonstrate a strong level of initiative.
- Solid understanding of information processing fundamentals and best practices.
- Can effectively communicate technical information with a non-technical audience when required.
- Adapts style to contribute and enhance overall team performance.
- Works effectively with people across a wide range of disciplines and levels (both internal and external resources).
- Supports and encourages positive working behaviors in others during task fulfillment.

Required Competencies:

- Clear and effective communication skills, able to build relationships at all levels of the organisation
- Strong decision making ability – able to make decisions quickly in a difficult situation.
- Strong problem solving to develop customer and business focussed results.
- Able to balance the short-term focus on results with longer-term interests.
- Adaptable and able to cope with the unexpected, manage issues effectively.
- Always act in the best interest of One Rotork and demonstrate our values.