

JOB DESCRIPTION

Job Title: Certification Engineer
Reports To: Head of Design/ Chief of Office of Airworthiness
Location: Port Talbot Office/ Bristol Office

The core business activities of SWS Certification Ltd are general fixed wing and rotorcraft interiors certification, including Electrical Systems, Mechanical Systems, Structures, Aircraft Seating, Galleys, Lavatories and Flammability. This job description should be interpreted against the specific field in which an Engineer is working.

Purpose of role and summary of responsibilities

You will take responsibility for:

- 1 Ensuring that Company designs are certified to EASA, FAA or National Authority Regulations and satisfy the contract specification.
- 2 Ensuring that the Company European Aviation Safety Agency (EASA) approved Design Organisation Approval (DOA) procedures are followed;
- 3 Liaising with the customer, authorities, regulatory bodies, suppliers and airframe manufacturers as appropriate to fulfil your responsibilities.
- 4 Preparing applications and data packages for the regulatory authorities and airframe manufacturers
- 5 Representing the Certification Department at meetings with customers, airframe manufacturers and regulatory authorities

Specific accountabilities

- 1 Producing the necessary reports and documentation to demonstrate that the design satisfies all relevant EASA, FAA or National Authority Regulations, on time and in full for Agency and/or airframe manufacturer approval.
- 2 Compiling and checking of detail test drawings.
- 3 Preparation of test plans and reports and management of test programmes.
- 4 Analysis of test results and reporting findings, defining solutions for test failures where appropriate.

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General accountabilities

- 1 To communicate effectively and appropriately with all SWS personnel and those you come into contact with in the course of your business activities.
- 2 To provide all work to the highest quality and accuracy.

Measures of Success

- 1 Projects delivered on time and to budget
- 2 Quality and accuracy of work
- 3 Client satisfaction
- 4 Commitment to SWS values and vision
- 5 Excellent relationship management skills, including stakeholder management at senior level
- 6 Continuous Professional Development

Key Attributes - Essential

- 1 Qualified to degree level or equivalent level of experience
- 2 Significant experience in the aerospace and civil aviation industries
- 3 Prior experience of interior certification of parts and appliances.
- 4 Good working knowledge of CS-25 and associated regulatory requirements.
- 5 Experience of working with CS-23, 27 and 29 and FAR Part 25 aircraft plus a sound working knowledge of EASA Part 21 Procedures.
- 6 Experienced in writing specifications and reports, preparing test articles, conducting test programmes, and organizing test facilities.
- 7 Self-starter, well organised, used to working under pressure to meet deadlines.
- 8 Effective and confident communicator
- 9 Strong presentation and facilitation skills
- 10 Proficiency in standard office software.
- 11 Ability to work independently with minimal supervision
- 12 Not deterred by ambiguity or continual change
- 13 Flexible and committed to aiding development of the business in whatever capacity is required (subject to skills and experience).

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