

## ASSOCIATE MANUFACTURING ENGINEER

AXISCADES is a leading, end to end engineering and technology solutions Company. We bring expertise that caters to the digital, engineering and smart manufacturing needs of large enterprises. With over 3 decades of experience in enabling innovative, sustainable and safer products worldwide, AXISCADES delivers business value across the entire engineering lifecycle.

AXISCADES is looking for Associate Manufacturing Engineer's to fill close to 30 vacancies in Aerospace team working with a global Aerospace OEM.

### **About the Role:**

A successful candidate will execute the preparation of fabrication plans, author assembly work instructions and drive process standardization for electrical wire harness products. The role would focus on working closely with global teams to ensure the assembly work instructions are defined most efficiently thereby ensuring best value for our customers. This position also offers opportunities to be part of integrated project teams on the manufacturability and producibility of wiring design definitions. Be a part of our passionate and motivated team that always keep an eye to identify potential opportunities to improve and standardize the assembly process for our diverse range of products.

**Location: Bengaluru, India**

### **Key Responsibilities:**

- Author build plan/fabrication process for Aircraft electrical wire harnesses.
- Assists in developing work instructions for installing wire harnesses and components in panels and other assemblies.
- Assist in developing efficient process sequence by analyzing and validating processes, standards and specifications related to fabrication of wire harnesses and panels namely - cutting, sorting, color-coding, labelling, kitting, measuring, stripping, crimping, soldering, and routing various lengths, types, and gauges of wire, heat-shrink, and other related materials.
- Working knowledge on tools and equipment such as wire strippers, crimpers, solder iron, wire identification and cutting machines, heat guns, and associated tools.
- Create Installation plan in CAPP/MES/Teamcenter.
- Create testing and inspection plans for wire harnesses, panels, and aircraft electrical systems for continuity and proper functioning.
- Execute the process audits for the prevailing Installation/fabrication plans and ensure they meet the defined standards.
- Assist in implementation of safety procedures, Foreign Object Debris (FOD) prevention and non-conformances issues with wire harness manufacturing.
- Identify production inefficiencies and suggests potential improvements to product or process.
- Assist in carrying out DFM and predictability studies of wire harness and electrical/electronic products, prepare report.
- Liaison with in region suppliers to address quality issues and process improvements.
- Exercise critical thinking and innovative problem solving.

**Basic Qualifications (Required Skills/Experience):**

- This position requires a basic degree of Diploma (Electrical) or higher.
- 2+ years of work experience in aerospace wire harness manufacturing, fabrication planning  
Or  
4+ year of experience involved with production/manufacturing planning of electrical wire harness.
- Interpret wire harness design definitions, routing & connection schematics.
- Demonstrated experience with manufacturing execution systems like CAPP/MES.

**Preferred Qualifications (Desired Skills/Experience):**

- Experience with American OEM products/Commercial aircraft platforms is highly desirable.
- Working knowledge with CATIA/NX Modelling software & PLM Enovia.

**Typical Education & Experience:**

Education/experience typically acquired through a Diploma course in Electrical Engineering and typically 6 or more years related work experience or an equivalent combination of technical education and experience (e.g. Bachelor in Electrical/mechanical/Aerospace engineering + 4 years' related work experience).

*AXISCADES is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation and gender identity.*

**Apply at:** <https://www.axiscades.com/careers-enquiry.html#aero-car-eng>

**Email:** [shivani.gupta@axiscades.in](mailto:shivani.gupta@axiscades.in)