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F A A R E P A I R S T A T I O N N O . V 5 A R 7 8 7 J

A e r o s p a c e f o r I n d u s t r y ™

Job Description Manufacturing Engineer

Department: **Operations**

Is Managed By: **Manufacturing Engineering Manager**

Job Title: Manufacturing Engineer

Position Overview:

The Manufacturing Engineer responsibilities include the management of process/configuration control, work instructions, and line set-ups for Avionic Instruments production department. Duties include but are not limited to the following:

Responsibilities:

1. Lead role as a Manufacturing support for Commercial Business Unit.
2. Support Legacy and new business development by identifying production approaches.
3. Write, Review and Develop detailed Documentation and New Production Processes for the Manufacturing floor. This includes Work Instruction, Procedures, Production Aids, etc.
4. Partner with the engineering team to find sustainable solutions for Complex Units and Systems, both for Legacy and New products.
5. Lead the transition from Design and Qualification Units to First Production runs on the Manufacturing floor. Providing feedback and guidelines from a Manufacturing perspective.
6. Partner with Quality team to complete First Article Inspection cycle, following the guidelines from the Aerospace Industry (AS9100)
7. Lead the efforts to define the requirements and procure all sort of custom fixtures required for the improvement of the Manufacturing Assembly process.
8. Support in the day to day efforts of the Planning and Testing team, helping to resolve schedule and technical roadblocks.
9. Ensure compliance with the Industry and Customer specific standards.
10. Work with multiple department teams to converge in a satisfactory approach of any complication.
11. Attend daily production meetings and communicate issues to production manager.

Basic Requirements:

- Engineering degree, or a related technical discipline, or equivalent work experience.
- A minimum of 5 years of related experience.
- Experience with Six Sigma and Lean Manufacturing fundamentals.
- Experience New Process Introduction efforts, for equipment or process.
- Experience in a Regulated Industry.
- Experience learning and owning projects.



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- Experience with Solid works

Desired Characteristics:

- Strong oral and written communication skills.
- Strong interpersonal and leadership skills.
- Ability to work independently.
- Knowledgeable in electrical principles and practices
- Knowledgeable in electrical power and control
- Strong problem-solving skills.
- Self-motivated and results oriented.
- Effective problem identification and solution skills.
- Proven analytical and organizational ability.
- Ability to coordinate several projects simultaneously.

Authorities:

1. Enforcement of company policies, procedures and processes
2. To compose Corrective and/or Preventive Action where applicable
3. Authorized to report problems according to corporate procedures.
4. Has the authority to stop the manufacturing process if any unsafe conditions are present
5. To enforce company Safety Requirements and Policies.

Physical Demands:

While performing the duties of this job, the employee is occasionally required to stand, walk, sit, use hands to finger, reach with arms and hands, climb stairs, stoop, kneel, crouch, talk or hear. The employee must occasionally lift and/or move up to 30 lbs.

Work Environment:

While performing the duties of this job, the employee is exposed to weather conditions prevalent at the time and an air-conditioned and heated office. The noise level is occasionally high.

Disclaimer:

The above information on this description has been designed to indicate the general nature and level of work performance by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees assigned to this job.



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Avionic Instruments is an Equal Opportunity Employer and encourages the application of female, minority, disabled and veteran candidates. Due to the potential for exposure to ITAR controlled data, the incumbent in this role must be a US Person (US Citizen or US Permanent Resident). Interested candidates should submit their resume and salary requirements.