



Example of Automation Engineer Job Description

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Our company is growing rapidly and is looking for an automation engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for automation engineer

- Repair and fault find with respect to a fairly wide spectrum of electrical equipment and machinery including, motor control switch-gear isolators, line control switches, pneumatic and hydraulic controls, AC/DC power distribution systems and variety of lighting installations
- Report all equipment faults using Job card system or any other approved system
- Liaise with engineering management, to streamline fault-finding and minimize plant down time
- Perform all electrical maintenance and repairs to a high standard of workmanship to ensure safety of personnel and equipment
- When requested to by the maintenance manager liaise with the various suppliers for the ordering of spare parts
- Carryout any other duties assigned by the Maintenance Manager or his designate
- Write technical requirements specifications, which provide details of automation functions
- Review the requirements specifications with customers and/or mechanical vendors to ensure the functionality of the automation system meets the desired requirements
- Write detailed software design specifications outlining software structured to ensure modularity, easier standardization, and simple maintenance / fault finding
- Develop software for complex processes for supervisory systems, using PLCs and distributed control systems

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- Process experience in the food, beverage or pharmaceutical industry including knowledge of heat treatment, spray drying, membrane separation technology
 - Two (3) years' experience in the Pharmaceutical or Similar regulated industry
 - Educated to Cert / Diploma/ Degree level in Electrical, Electronics, Instrumentation or Mechatronics
 - Detailed Knowledge of cGMP and regulatory requirements relating to process automation in the pharmaceutical industry
 - Detailed knowledge of the 21 CFR Part 11 and Annex 11 requirements for automated systems in the pharmaceutical industry
 - Experience of plant start-ups and/or new product introductions to pharmaceutical facilities