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# Example of Engineer, Manufacturing Job Description

Our growing company is searching for experienced candidates for the position of engineer, manufacturing. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for engineer, manufacturing

* Train production personnel as needed on process changes and improvements
* Serve as area experts to assist in Kaizens, safety action plans, countermeasures
* Support the strategic objectives of the business through special projects
* Use AutoCAD software for electrical schematic development and electrical panel design
* Responsible for designing, developing and maintaining electrical control systems for manufacturing equipment while applying NEC codes
* Develop and maintain HMI and PLC programs using a variety of Allen Bradley software programs
* Develop and maintain vision programs using a variety of Cognex software programs
* Develop and implement manufacturing and facility capital projects
* Manage and troubleshoot power distribution systems including facility transformers and switchgear
* Work with maintenance to improve the reliability and safety of manufacturing equipment

## Qualifications for engineer, manufacturing

* Overall knowledge of industrial engineering to support fab capacity planning, resource utilization and lean manufacturing
* Knowledge and ability to use computer tools such as spreadsheets, Excel, Word, AutoCAD, statistical analysis software, database creation and management
* 5 to 15 years of professional experience in Manufacturing Engineering
* Experience and Knowledge with Injection Molding processes
* Experience and Knowledge with Robotic and manual welding processes
* Minimum 3-5 years of related experience in a medium manufacturing environment