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# Example of Equipment Engineering Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of equipment engineering. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for equipment engineering

* Troubleshoot problems with both components, materials and machinery processes in coordination with Quality, Production ,Operations, Maintenance, vendors and OEMs
* Draft protocols and execute packaging line and process capability trials in support of commercial deployment of systems
* Support validation/qualification line work, including FAT, SAT, IQ, OQ & PQ, at HLF facility or outside partners to ensure machinery and processes meet all requirements
* Develop SOP's to ensure processes consistently meet all required operating standards for processing and packaging
* Work in partnership with HLF Manufacturing ,Technical Operations and R&D in order to effectively scale up new formulations , and to specify processing equipment which is compatible with new formulations and the Manufacturing strategy of HLF operations
* Provide Automated Test Equipment and process development for new technology, manufacturing applications, and improvements that will deploy at all of Micron’s production Module and SSD Test locations worldwide
* Mentor, lead, and collaborate with global CST teams as required
* Present data, design reviews and information to manufacturing, technical teams and management effectively
* Utilize Micro-computer applications for equipment optimization, trouble-shooting and analysis of tool performance
* Provide equipment performance reports, 8D resolutions and follow thru on action items

## Qualifications for equipment engineering

* Proven experience and knowledge in biotech, process and engineering
* Proven experience in cGMP, GLP & cGxP and qualification
* AS degree in Electrical or Mechanical Engineering, Materials Science, Solid State Physics or other relevant engineering physical science discipline with 7 years of Equipment engineering experience on 300mm equipment, or
* BS degree in Electrical or Mechanical Engineering, Materials Science, Solid State Physics or other relevant engineering physical science discipline with 5 years of Equipment engineering experience on 300mm equipment
* Vacuum Technology theoretical and practical knowledge
* 5 years hands-on work experience with Veeco RF350, RF420 Ion Mill and DLC350 systems