



Example of Principal Manufacturing Engineer Job Description

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Our growing company is looking to fill the role of principal manufacturing engineer. 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 principal manufacturing engineer

- Deliver BKM's from benchmarked site/Industry Best-In-Class to BE Network
- Provide Mentoring and Build Networks to Deliver Tactical Solutions
- Display a passion for consistent data analysis and presentation approaches that can be shared with MFG/IE/OI departments
- Support or provide training for the Manufacturing Science/Constraint optimization skillset development of the Network MFG Team
- Implement and manage strong manufacturing engineering principals to ensure robust production process and high product quality
- This position executes and occasionally plans the robust scale-up and implementation of new Downstream and Drug Product manufacturing processes and equipment by performing process design reviews and experimentation on specific aspects of the process
- This position executes and occasionally develops plans independently to determine the root cause of process related deviations in the Downstream and drug product areas in a timely and conclusive manner
- This position frequently executes and occasionally leads Initial Facility Fit assessment subtasks for the Downstream and Drug Product portions of the GMP Manufacturing facilities
- This position identifies and proposes continuous process improvements to management
- This position executes and occasionally develops plans for continuous

Qualifications for principal manufacturing engineer

- Experience with industry-leading ETL tools, preferably Ab Initio
- Experience and expertise with modern Relational Database Systems
- Experience with modern programming languages, preferably JavaKnowledge of Software Development Life Cycle (SDLC) concepts and processes
- Bachelor's degree in Electrical Engineering, Materials Science, Solid State Physics or related field of engineering study
- Applicant must be a US Citizen, Lawful permanent resident of the U.S. , or Protected individual as defined by 8 U.S. C
- Understanding of semiconductor processing and plasma etch