



Example of Mfg & Process Dvl Engineer Job Description

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Our company is growing rapidly and is looking for a mfg & process dvl engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for mfg & process dvl engineer

- Analysis and review of manufacturing processes
- Ensures that all requested EHS Requirements and Regulation are maintained, fully understood and complied with
- Activity & time reporting
- Establish DFM, PFMEA, Mold spec, Mold Design, Molding process and Conditioning Standards and Rules, and conduct tool design
- Manage projects to ensure timely debugging of new molds and processes to meet first article qualification target so as to facilitate new program start up
- Provide technical advice to enhance future product design through mold engineering evaluation
- Conduct mold tooling design review with the Engineering, Operation and Quality engineering
- Utilize analysis software applications and 53P to enhance molding process accuracy (5-step process, Mold-flow analysis, pressure loss)
- Approval of First Article inspections and process capability
- Drive the design and build of tools to support scientific injection molding (Balanced runners with melt flipper, cavity pressure)

Qualifications for mfg & process dvl engineer

- Be familiar with product requirements, concept prototyping, design and development (including verification and validations IQ,OQ,PQ), risk/failure

- Work closely with Supply Chain and Supplier Quality groups to review or coordinate outside vendor activities to support cost reduction efforts and improved product quality
- Manage or develop technical solutions to design problems with vendors and in-house resources through design reviews, design audits, and prototype analysis
- Comfortable working in a collaborative team based environment with Operators, QC Inspectors, Supervisors, Leads, Quality Engineers and Production Manager
- Communicate effectively with customers under a variety of situations
- Prepare and conduct Design For Manufacturability (DFM) reviews for both product and tooling