



Job Description

Tooling Design Engineer

1. PURPOSE AND SCOPE

Responsible for the design and manufacture of injection molding tooling and program management of outside mold (tool construction) resources. Duties include design, tracking and coordinating mold quotations, construction, repairs, and deliveries according to established Vision Plastics procedures throughout all manufacturing facilities.

2. REPORTS TO

Vice President - Sales

3. PREFERRED SKILLS / EDUCATION

- Bachelor Degree in Engineering or Journeyman mold/tool and die maker
- Minimum 4 years' experience in tooling and fixture construction including tooling sourcing
- Experience with MRP systems, Molding Simulation software, Microsoft Office and MS Project
- Project and program management experience
- Must demonstrate solid computer, presentation, communication and organizational skills
- Design Engineering software knowledge and proficiency (CAD/CAM, SolidWorks, etc...)

4. RESPONSIBILITIES

1. Design new tools for quotation or sourcing to external toolmakers.
2. Issue RFQ's for new projects per Vision's mold quotation procedure.
3. Track, review, and report upon all RFQ's.
4. Conduct design reviews for new molds and changes/revisions to existing molds.
5. Reviews product design for compliance with engineering principles, customer design specifications, and company standards.
6. Involvement in DFM/FMEA activities, both internally and externally, and with customers.
7. Establish and maintain timelines to ensure tooling is being built according to schedule(s).
8. Coordinate with Production Control to schedule new molds for sampling.
9. Oversee initial mold sampling for tool validation (and sign off).
10. Evaluate on time delivery of molds and provide feedback to materials group.
11. Coordinate engineering changes for tooling through ECN process.
12. Coordinate with tool room on molds requiring external resources for repair.
13. Manage external resources and timing for completion of mold repairs.
14. Maintain Tool Status report (new tooling) and track external mold repairs.
15. Assess, manage and mitigate risks associated with external tooling resources.
16. Support and adhere to all Quality Operating System procedures.
17. Maintain a clean and safe work environment.
18. Follow all safety regulations.
19. All other duties as assigned by direct supervisor.

Approval _____ Date _____