

# Job Description – Quality Supervisor (Plastic Moulding)

**Industry:** Plastic Injection / Blow Moulding

**Department:** Quality Assurance & Control

**Reporting To:** Quality Head / Plant Head

**Location:** Paldi Kankaj, Ahmedabad

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## 1. Job Purpose

To ensure consistent production of high-quality plastic moulded components by monitoring processes, inspecting parts, resolving quality issues, and leading continuous improvement initiatives aligned with customer and industry standards.

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## 2. Key Responsibilities

### A. In-Process & Final Quality Control

- Inspect moulded plastic parts at different stages (start-up, in-process, final) to ensure compliance with specifications.
- Check parameters like **shrinkage, warpage, sink marks, flash, short shots, colour variation, burn marks, bubbles, weld lines**, etc.
- Ensure raw material (granules, masterbatch, additives) meets required quality standards.
- Approve initial samples and first-off parts for production runs.

### B. Documentation & Compliance

- Maintain **inspection reports, rejection logs, calibration records** of QC instruments.
- Prepare and update **Quality Plans, SOPs, Work Instructions**.
- Support **ISO 9001, IATF 16949, or customer audits**.
- Ensure proper labelling and segregation of OK, Rejected, and Rework material.

### C. Process & Defect Analysis

- Conduct root cause analysis for **defects like dimensional variation, surface defects, or functional issues**.
- Work with production to optimize process parameters (temperature, pressure, cycle time, cooling).
- Suggest preventive measures to reduce scrap, rework, and rejection.

### D. Team Leadership & Training

- Supervise **QC inspectors and checkers** on the shop floor.

- Train operators on **defect identification, handling moulds, and quality awareness**.
- Enforce discipline, safety, and 5S practices in quality and production areas.

#### **E. Customer & Cross-Functional Coordination**

- Handle **customer complaints** related to product quality and coordinate corrective action.
  - Support **new product development trials** from a quality perspective.
  - Liaise with production, maintenance, and design teams to ensure moulds and machines produce defect-free parts.
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### **4. Skills & Competencies**

- Knowledge of **plastic moulding processes** (Injection, Blow).
  - Understanding of **plastic materials** (PP, ABS, HDPE, PVC, Nylon, etc.).
  - Hands-on with **measuring instruments** (Vernier, Micrometre, Height Gauge, Profile Projector, CMM).
  - Problem-solving using **RCA, CAPA, 7 QC Tools**.
  - Good communication, documentation, and leadership skills.
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### **5. Education & Experience**

- **Qualification:** B.E / B.Tech in Mechanical / Plastic / Polymer Engineering.
- **Experience:** 3–6 years in **Plastic Moulding Quality Control/Assurance** (SME or Tier-2 preferred).
- Exposure to **packaging, FMCG, or plastic components** is an advantage.