

# T. BALAMURUGAN

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## Career Objective:-

Dedicated and result oriented Polymer technology engineer who drives success and directs high- production teams while developing employee loyalty. Experienced in using lean manufacturing, to high quality with lowest cost manufacturing, and downs streamlining production processes, managing in a planning production schedules. Focused on facilitating the creation of quality products to meet customers' expectations and achieve company goals.

## Experience:-

**Trelleborg india Pvt. Ltd** Bangalore, Karnataka

2023 to 2024 -1 year ( present)

**Position:- Junior engineer production& New product development.**

Here, we taking care of Plastic Rubber molding process manufacturing and development operations.

## **Past working experience:**

**Trelleborg india Pvt. Ltd** Bangalore, Karnataka

**Diploma trainee** 2021-2023-2 year

## Roles & Responsibilities:-

- Managing of shift work production activity with team of persons in a day, disabusing the work based on daily production plan and customer critical.
- To improve OEE, reduce losses to increase machine availability reduce the tool change over time using of SMED.
- Implement the 5S in work place.
- Preparing and implementing the SOP and training to given team members to accomplish production goal with zero bad.
- To provide a work instruction.
- Implement the tool life projects.
- Implementation of KAIZENS based on PQDSM.
- Pre pare 8D report for internal rejection control 5Why analysis.
- Identify un-safe act and un-safe-condition resolve the same and make work environment is ZERO accident.
- To maintaining FIFO concepts in floor.
- Maintain of daily based tool life check sheet & spare part management for molding tools.
- Reduce daily base part rejection & scrap rejection.
- Preparing and handle the IATF-16949, ISO14001, customer audit.
- I taking response of new product development for production.
- I knowledge about tooling & plastic, rubber compounding master batch mixing.
- I knowledge about **ENGEL, Arburg, JSW, Shibaura, Milacron, Fanuc, DESMA, Panstone, Maplan**, process parameters trouble shooting.

### **Achievement :-**

- To introduce the reduce regrind machine running time, by using of timer kit.
- To improve the runner weight plastic rubber molding.
- Implement of fixture for easy take part for multi cavity mold, like 16,12,8, cavity.
- To improve the mold cleaning time using of ultrasonic tank using for special cleaning chemical.
- Reduce the part fill time using vacuum system, reduce cycle time.
- Implement of fire resistance coated chemical for rubber molding parts.
- To improve bellow part making alternative rubber to thermoplastics material base one customer requirement.
- To improve the carbon content mixing for rubber.
- I was given on the job training to the newly joint operators molding process tool setting and trouble shooting.
- To give training for firefighting, first aid operators, safety team.

### **Educational Qualification:-**

**Diploma in polymer technology – DEC 21 – 82%**

Tamilnadu government polytechnic college, Madurai.

**SSLC ovc higher secondary school in Manamadurai. MAR- 17**

### **KEY SKILLS:-**

Autodesk mold flow analysis.

MS office ( word ,excel, power point)

SAP ,M3

5S, SOP, 8D problem solving, WHY analysis.

CIPET trained injection molding process machine tool maintenance.

### **Personal Details:-**

**Father Name :** Thachanamoorthi .V

**Mother Name:** Chandra .T

**Date of birth :** 11.11.2001

**Gender :** Male

**Language:** Tamil, English, Kannada, Malayalam

**Date:**

**Yours faithfully**

**Place:**