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Tamilnadu

CAREER OBJECTIVES:

To seek a challenging position in an organization where my technical and analytical skills would be applied for the betterment of the organization

ACADEMIC QUALIFICATIONS:

S.N o	Qualification	Institution	Year of Passing	Percentage
1	DEEE	The kavery polytechnic college Mecheri	2020-2022	67%
2	HSC	Govt. Hr. School Pannapatty	2020	50%
3	SSLC	Govt. Hr. School Pannapatty	2018	45%

PERSONAL STRENGTH:

- Quick Learner.
- Hard and Flexible in working as a team
- Very patient and adaptive to any kind of situation.
- Works with Dedication.

PROFESSIONAL EXPERIENCE:

- From Oct 2024 to till the date Working as a Assistant Engineer in **TRIAD TECHNOMET PVT LTD**, Hosur, and the department of Metallurgical laboratory and heat treatment (Sealed Quench furnace)
- Also worked as an Quality inspector in **MPLASTICS TOYS AND ENG PVT LIMITED**, Hosur, and the (Injection Mouldshop) department. the period of Sep 2022 –Jul 2024
- Totally I have 3 years experience in injection molding and Metallurgical Laboratory

JOB PROFILE & ROLES AND RESPONSIBILITIES:**Roles and responsibilities in MPLASTICS TOYS AND ENG PVT LIMITE**

- During toy inspection, experienced quality control professionals examine the products to identify any potential safety hazards, such as choking risks, sharp edges, or loose parts. They also assess the quality of the materials used and check for compliance with relevant standards and regulations.
- Working of injection molding Machine Bole, Super master, and Roto moulding.
- Troubleshooting a problem in injection molding machines and solve it.
- Operation & Maintenance of 0. 5HP to 110HP motor.
- Analysis repeated problem and action to correct that and avoid again.
- Monitoring a daily downtime hour and no. of Occurrence at graph to check everyday performance
- Break Down up date in Excel daily.
- Operating & Maintenance of Auxiliary equipment's (Loader, self-blower, Hopper dryer, conveying blower, Dehumidifier, MTC).
- Implementation of POKA YOKE in injection molding machines.
- To maintaining check list for preventive maintenance for all equipment's.
- Organizing & lead a quality team for online & offline inspection in all 3-shifts

Roles and responsibilities in Present TRIAD TECHNOMET PVT LTD :

- Mould samples preparation for metallographic inspection and the steps are followed specimen cutting, Mounting, various grades of emery grinding and polishing
- Analysis and checking the Hardness, Microstructure, mechanical properties (YS, TS, elongation) - UTM for the in house and supplier parts & Checking Coating thickness, particle analysis & Raw material inspection
- Preparing mould samples and checking Case depth, hardness, Microstructure like (carbide, Ra%, IGO, NMTP, decarburization, Martensite, bainite, banding .etc) & Image analysis and Mechanical properties testing for heat treatment and supplier parts and Grind burn testing for Carburized components
- Conducting Magnetic particle inspection
- Maintaining daily check sheet, work instruction and 5s implementation in lab & Preparation of inspection report and submit to the customer
- Handling customer complaints of final product issues and reports prepared with metallurgical aspects and submit the Inspection report to the customers

PERSONAL ABILITIES:➤

- Good communication skills
- Through knowledge of Quality engineering
- Self-motivated and flexible
- Energetic and well disciplined
- Good interpersonal skills
- Planning and problem solving skill

EQUIPMENTS HANDLED:

Scanning electron microscope, Micro vickers hardness tester, Rockwell hardness tester. Universal testing machine, Brinell hardness tester, Microstructure & image analysis, Digital weighing balance Melting point apparatus, Metallurgical Microscope, Rubber Hardness Tester, Cutting machine ,Molud machine , Grinding & Polishing machine, Colour Meter, Glass Meter, Vernier caliper

KNOWLWDGE OF CORE TOOLS

- Metallographic Inspection
- Control & Quality plan
- 5S Activities

SOFTWARES SKILLS

- MS office (word , XL) ,

PERSONAL DETAILS:

- Date of Birth : 02/07/2003
- Gender : Male
- Father Name : murugan.M
- Mother Name. : Deviyani.M
- Nationality / Religion. : Indian / Hindu
- Languages Known to Speak /Write : Tamil, English,

DECLARATION:

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Place :

Yours Signature

Date :

M.Naveen

