



MOHAMED ROOSIAN

Muhaisina 2, dubai
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Objective

Looking for a career in an organization for a challenging position where I can enhance my skills and strengthen them with an inconjunction with organization goals.

Experience

- JBM AUTO LIMITED** 2021 - MAY 2024
QUALITY ASSURANCE ENGINEER (CHECKING OF SHEET METAL PROCESS)
.Analyzing of layout inspection of CMM REPORTS for stamping panels and panel checkers. .Calibrating and maintaining the panel checkers and Hard gauges.
.Creating new program and executing the existing program in FARO CMM(12feet) Machine,automated CIMTRIX CMM and HEXAGON CMM scanning Machine.
.Properly maintain the IMTE of Hard gauges and panel checkers.
.Implementing the Kaizens and maintaining 5S in shop floor.
- TSMT TECHNOLOGY INDIA PVT LIMITED** 2019 - 2021
PPROCESS ENGINEER(MOBILE ASSEMBLY)
.Monitoring the daily performance of underfill dispenser ,automatic screw locking machines and router machines.
.Daily basisMaintaining the assembly level machines by usingpressure gauges for further process.
.Check the machines as an expectant working conditions.
.optimizing industrial process from inspection through to start up and end certification. .Finallyresponsible for reducing DOWN TOME for good
.Preventive maintenance and prepare the final report of it.
- FEDERAL MOGUL MOTOR PARTS INDIA PVT LTD** 2017 - 2019
PRODUCTION ENGINEER
.Planning the process for production.
.Manpower allocations.
.Training the new manpower.
.Good team lead with effectiveness.
.Planning for defect reduction control.
.After that Maintaining the machine clean and neat.
.Implement the production planning,control and improvement.
.To ensure perfect margins,operation errors and product defects.
.Running the machines stably according to company OS (operating system).
.Checking the daily process sheets and 5S.
.At the end of the process we inspecting the efficiency of output items before product distributions.
.Finally discussing the over all Asset Effectiveness(OAE) about the process flow,materials,profit and loss for the day by day improvements.

Education

- **Chendu college of engineering and technology** 2013-2017
B.E MECHANICAL ENGINEER
66%
- **Tamilnadu open university** 2015-2016
DIPLOMA IN REFRIGERATION AND AC TECHNICIAN
80%
- **Vivekanandha matriculation higher secondary school** 2012-2013
12 TH
69%

Skills

- MS OFFICE
- AUTO CAD
- CAM10 MEASURE
- CAPPs DMIS
- POLYWORKS

Projects

- **ATOMIC POWER PLANT - KALPAKKAM(JAN 2017-MAR 2017)**
STUDY THE TEMPERATURE DISTRIBUTION ALONG THE STEM USING FROZEN STEEL VALVE:
Frozen seal sodium valves are used in fast reactors. To achieve sodium freezing, horizontal fins are attached to the outer surface of valve sheath. Adjacent fins form open-ended cavities and natural convection of air in these cavities is investigated using the PHOENICS code for various values of fin length, spacing and root temperature. It is seen that convective air does not penetrate deep into shallow cavities leading to poor heat transfer coefficient, offsetting the enhancement in surface area. Penetration depth of air is a function of aspect ratio and Rayleigh number based on fin spacing and is independent of fin length. Generalized correlations are derived for Nusselt number in terms of Rayleigh number and aspect ratio. Using these correlations, temperature distribution in entire valve assembly is predicted using the HEATING5 code, to select an optimum design. Experiments have been conducted on a model valve of selected design in the SILVERINA facility available at this centre. Measured stem temperature distribution is found to compare satisfactorily with HEATING5 predictions, validating the correlations derived from computational fluid dynamic studies and integrated thermal analysis methodology.

MACHINE HANDLING

- **QUALITY:**
 - .FARO ARM
 - .CIMTRIX CMM
 - .HEXAGON ARM
- **PRODUCTION:**
 - .SPECIAL PURPOSE MACHINE(inner and outer grinding)
 - .MULTI HEAD DRILLING MACHINE
 - .MOULDING DIE
- **PROCESS ENGINEER:**
 - .UNDER FILL GLUE DISPENSER
 - .SCREW LOCKING MACHINE
 - .ROUTER MACHINE

PERSONAL DETAILS

- NAME :MOHAMED ROOSIAN
DATE OF BIRTH: 06-02-1995
GENDER : MALE
NATIONALITY: INDIAN
PASSPORT NUMBER : R3507896
DATE OF EXPIRY : 06/08/2027
UAE VISA STATUS : VISIT VISA
LANGUAGES KNOWN : ENGLISH,TAMIL