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Summary

Senior Manufacturing professional with demonstrated organizational skills & ability to handle multiple assignments in parallel. Managed installation, maintenance and improvement projects in the manufacturing environment. Lead teams of engineers to achieve maximum operational availability for the plant.

Experience



Senior Manufacturing Engineer - Engine Assembly

Ford Motor Company

Jul 2022 - Present (9 months)



VOME Lead

Ford Motor Company of Southern Africa

Oct 2021 - Jun 2022 (9 months)

Worked as VOME lead for New Ranger Bodyshop facility installation-Greenfield project



Senior Manufacturing Engineer - Body Construction

Ford Motor Company

Nov 2013 - Sep 2021 (7 years 11 months)

- Demonstrated strong leadership & technical expertise to implement maintenance procedures & systems as per the Global Ford Production System
- Involvement in Equipment design/Process optimization during Ford Figo/Aspire/KA+ launch and MCA projects
- Successfully implemented the Manufacturing Work Group strategy in Body Construction
- Responsible for collecting and analyzing data associated with machine Availability, reliability- MTBF & MTTR. Conduct RCA and implement actions to prevent the failures.
- Played key role in the implementation of NGAVS (Vehicle scheduling system)
- Worked closely with cross-functional team to improve Safety, Quality & Delivery performance in greenfield project & two brownfield projects
- Prepare Autonomous Maintenance plan and train Production to perform Level 4 autonomous maintenance tasks
- Developed a versatility roadmap for transforming the maintenance team into an expert level maintainer
- Completed two Six Sigma green belt projects



Group leader (Maintenance)

Volkswagen India

Jul 2008 - Nov 2013 (5 years 5 months)

- Involvement in Equipment design/Process change during the new project and ongoing process improvements during Skoda Fabia/Rapid & VW Polo/Vento launch

- Maintained Body shop critical Equipment's-Body Framer & roof framer gates, Kuka Robot, Siemens Safety PLC, Nimak Spot weld gun & BOSCH MFDC weld controller
- Responsible for collecting and analysing data associated with machine Availability, reliability- MTBF & MTTR. Conduct RCA and implement actions to prevent the failures
- Plan & Execute Preventive maintenance
- Spare parts management



Engineer Maintenance

ANZ INTL Manufacturing Pvt Ltd

Dec 2006 - Jun 2008 (1 year 7 months)

- Plan & Execute Preventive maintenance
- Spare parts management
- Maintained-Air compressor, Diesel Generator in optimum condition.
- Maintained CNC Lathe, VMC, conventional lathe, Migatronic Profile cutting machine
- Prepare Autonomous Maintenance and train Production/Maintenance team



Maintenance Engineer

Solectron Centum Electronics Limited

Aug 2006 - Dec 2006 (5 months)

- Plan & Execute Preventive maintenance
- Spare parts management



Operating Engineer

ARVIN EXHAUST INDIA PVT. LTD

Sep 2003 - Aug 2006 (3 years)

- Plan & Execute Preventive maintenance
- Spare parts management
- Maintained-MIG welding SPM, CNC Pipe bending machine, Manual Jigs & fixtures, Fronius MIG weld machine & Utilities like Air compressor, Diesel Generator in the optimum condition
- Awarded Best Indirect Operating Engineer(maintenance) twice

Education



Birla Institute of Technology and Science, Pilani

Bachelor of Technology - BTech (Currently pursuing), Engineering Technology, General

Oct 2022 - 2025



Karnataka (Govt.) Polytechnic, Mangalore

Diploma, Electronics & Telecommunication , Electronics & Telecommunication
2001 - 2003



Canara Highschool(Main)

1996 - 2000

Licenses & Certifications



Green Belt Certification (GB) - Ford Motor Company

Skills

Predictive Maintenance • Budgeting • Sciometric • Engine Testing • Installations • Commissioning • Failure Mode and Effects Analysis (FMEA) • Manufacturing Operations • Analytical Skills • Data Analysis

Honors & Awards



Asia Pacific recognition award - Ford Motor Company

- Completing critical weld trials for EU OBS part salvage - Sep 2020
- Productivity improvement in the Front end -Body construction - Sep 2018
- Implementing error-proofing in Framer line & cycle time improvement in Framer line- Jun 2017
- Abrasive consumption reduction through "Zero metal finish initiative" - Apr 2016
- Achieving 50JPH in Automated line in Body - Nov 2015



Innovation & Achievements Award - Arvin Meritor, USA

- Implementing welding wire error-proofing with colour sensor- 2005



President's health & safety award (PHSA FORD) - Ford Motor Company

Jun 2022

Proactive safe facility installation at SAP greenfield site - Ford South Africa