

RAHUL DHAKE

Maintenance Manager

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Summary

Resourceful engineer with over 20 years of experience in Machine Management, Vendor Management, and EHS Management. I have successfully executed MEP functions in large projects, I have a Proven ability to manage and execute projects efficiently while meeting high standards in fast-paced environments. Expertise in Electrical, Automation, HVAC, and Fire Fighting systems

Technical Skills & Competencies

1. Maintenance Management: (Preventive Maintenance, Predictive Maintenance & Breakdown Maintenance)
2. Project Engineering (Green field , Brown field & NPD)
3. Inventory Management, Budgeting & Spare Parts Localization.
4. Team work management (5S, Kizen activity, Continuous improvement)
5. Engineering management & continuous Improvement Project Automation
6. Improved machine uptime using Lean Six Sigma and Kaizen methodologies.
7. Experience working with HT substations (66 kV to 11 kV) and SCADA systems for power management.
8. Worked with LUWA air (Switzerland Make) – HVAC scada system
9. Capability for Individually work carried out in shop Flore area.
10. I adapt quickly to new tasks and technologies, and I have a strong ability to learn on the job in fast-paced industrial settings

Professional Experience

M/S IPG ASIA Pvt Ltd -

Dahej - SEZ industrial area

Maintenance Manager

07/2018 - 08/2024

USA-based manufacturer of adhesive tape and packaging material.

- Successfully coordinated with the project team in the USA for a new greenfield tape manufacturing plant and Training in Denville- USA for under stand new Process technology.
- Including me & team of 25, engineers, fitters, and electricians, ensuring optimal plant and machinery maintenance.
- Increased machine uptime from 72% to 88% using lean six sigma methodologies.
- Commissioned & Knowledge of Hot melt coater Line (G&A make), Extruder Hot melt Line (Maris make) , Dosing system (ITI Make) , Acrylic coater Line (Crown make) , Solvent coater Line (D W engg.), laminator machine line (Davis-Standard & Navrag make), Coating head die (Fragon & Nordson), Printing machine line 4 color, Slitting machine (G&A), Paper tube core plant , Solvent recovery plant (Brofind make) , Boiler & TFH 20 + 30 KL, Chiller 200TR , cooling tower 500 TR with auto chemical dosing system, Air Compressor
- Designed and installed HT SF6 panels , LT PCC panels –MCC panel, APFC panel,, emergency UPS power, and DG as per factory machinery load requirements.
- Managed Preventive and Breakdown Maintenance for Process machine line, Hydraulic Press, UPS power systems and Utilities, Boilers, Chillers, Cooling towers, HT substations, and LT panel rooms.
- Worked on Allen Bradly & Siemens PLC, HMI, Servo drives, Servo motor for machine control panel and scada system. Regular maintenance & calibration of solvent gas LEL sensor detector MSA make
- Experience with working in AMMS module and SAP module system.
- Knowledge of Capex Budgeting , SOP, Internal & external audit , ISO documentation , Machine capabilities validate for NPD.
- Maintained health and safety standards for equipment P.M. for dust collectors & Utility equipment.

- Installed and successfully conducted trials for site machine control and machine production data recording for QC.
- Installed vacuum system giefte system-GmBH for extruder machine
- AMMS maintenance module developed for machine history and preventive records.
- Coordination with Production & Planning, supply chain for deliver on time goods to customers.
- Handling Instrument calibration & factory equipment testing as per Govt. Rules
- Handling mechanical Problems and Local spare part development for reduce cost and delivery time.
- Maintaining Equipment Health and safety standard Electrical Inspector & Boiler inspector Annual inspection visit
- Coordinating & Handling All activities related to Production and factory Rules.

Monier Roofing Pvt Ltd (BMI Group Germany)

Nashik

Maintenance HOD

04/2014 - 06/2018

Manufacturer of roofing tiles and components.

- Installed plant machinery from green field projects as per Process P&ID.
- Handled all electrical, electronics, mechanical, and utility equipment.
- Installed 33kv/433 volt substation , 500KVA DG set and LT panel
- Installed Tile manufacturing line, conveyors line, Curing chambers, mixer, Silo 200 tone with load cell
- Preventive and predictive maintenance activities for Plant Equipment's and Utility associate
- PLC programming & Design for concrete batch Preparation & Production line material deliver online automation.
- Maintained machine uptime, budgeting, and continuous improvement as per KPI targets.
- Handling Plant for all activities for Production, QC & Dispatch schedule in Absence of Plant Manager.
- Handling Forklift and caterpillar Loader and DG set .
- Handling Air compressor, Fire fighting system & Blower pump

Artheon Battery Pvt Ltd (North Star Group USA)

Nashik

Sr. Maintenance Engineer

09/2012 - 03/2014

Manufacturer of UPS batteries.

- Installed new project 100 Ah UPS battery & 2 volt Traction Battery.
- Increased machine Uptime for casting machine 74 to 95 %
- Designed special conveyor system for Assemble Line for easy operation.
- Designed New Acid filling machine for UPS battery.
- Handling Mechanical Break down and Preventive maintenance.
- Developed new battery charger for charging Battery for Product Dispatch time
- Preventive & predictive maintenance for all electrical and electronics maintenance and utility equipment.
- Handling Dust collector & MDS system for exhaust air to meet pollution control board parameter.
- Maintaining Equipment Health and safety standard Electrical Inspector & MPCB Annual inspection visit
- Handling Plant for all activities for Engineering and Development in Absence of Engineering GM.

Delta Magnets Ltd

Nashik

Sr. Electrical Engineer

08/2011 - 08/2012

Manufacturer of automobile starter and alternator magnets.

- Handled all P.M. & Brake down , electrical maintenance and utility equipment.
- OLD hydraulic press converted in to PLC automation for Production Improvement & safely operation.
- Handling HT Panel and LT Panels , Transformer and DG set.
- Handling Air compressor , Hoist and vacuum Pump control room

ALOK Industries Ltd

Silvassa

Electrical Engineer

01/2010 - 08/2011

Fully integrated composite textile company.

- Installed new 30 K spindle plant, Blow room, carding and dust collection Plant
- Handled shift operations and maintenance of spinning machinery.

- Handling 66 kv to 433 volt sub station and Utility Equipment's
- Installed LUWA make HVAC system troubleshooting.

Jawahar Spinning Ltd.

Supervisor (Electrical)

Dhule

09/2006 - 12/2009

Fully integrated composite textile mill.

- Installed 50K spindle Green field project . spinning Process line and associated machinery
- Installed 4.5 MVA Transformer 33 kv/433 volt & HT and LT panel room
- Supervised all electrical maintenance and utility equipment.
- Installed a new 50K spindle project.

Sheena Textiles Ltd.

Electrical Engineer

Surat

11/2003 - 08/2006

Fully integrated composite textile company.

- Managed all electrical and electronics maintenance and utility equipment.
- Handling 33 kv /433 volt sub station & DG set
- Handling Boiler Break down and Preventive Maintenance
- Handling Process Equipment like Sizing Plant, Weaving Plant, Dying Plant ,

Education

Diploma in Electrical Engineering with First class

Technical Education Board – Gujarat State

(2003)

C.M. High School- Gandhinagar

10th Grade

01/1999 - 01/1999

Strengths

Expertise in Operations Exceptional understanding of operational regulations and technological advancements in the industry.	Project Management Skills Proficient in managing green field, Brown field, Equipment selection, electrical, HVAC and fire fighting projects.	Communication and Problem- Solving Keen communicator with excellent problem-solving and analytical abilities.
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Key Achievements: IPG Global Awards Winner for Kaizen Development & Leadership

Languages Known : Marathi, Hindi , Gujarati, English

Date of Birth : 04/11/1983

Computer Knowledge: Office 365, Outlook, Auto cad, SAP module, AMMS module , Site machine.

USA Visa : B1/B2 till 2029

Permanent Address : sector no*27, Plot no-612 , Ekta colony

Gandhinagar, Gujarat

Present Address : Flat no-4, Saptashrungi Amrut apartment , Siddtek nagar

Khutwad nagar, Nashik , Maharashtra

Industries Reference : Mr. Pavan Prasad (Manufacturing Director – IPG Aisa)

Mo no- 9316160670

Mr. Rahul Gaikwad (KSB export)

Mo No- 9822992069

