

BIKASH RANJAN DAS

Sr. Engineer

Contact

Address

SIVALIKNAGAR
HARIDWAR, UTRAKHAND,
249403

Phone

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Skills

Operation and
Maintenance



Very Good

Maintenance Budget



Very Good

Calibration of equipment



Good

Engineering documentation



Very Good

Hydraulic engineering



Very Good

Engineering calculations



Very Good

Accomplished in directing system improvements, maintaining budgets and improving performance with minimal impact on business operations. Talented in managing projects, leading teams and resolving routine and complex operational problems.

Work History

2019-08 -
Current

Sr. Engineer

ROCKMAN INDUSTRIES LIMITED, HARIDWAR, UTRAKHAND

- KRA-Paint Shop and Assembly Shop Maintenance.
- Paint Shop Maintenance of PT line, Booth system, Dry and Bake Oven, Conveyor system, AHU, Hot water generation system, Water treatment plant like RO and DM plant.
- Assembly Shop Maintenance of Hydraulics Press, Pneumatic Press, SPM, GPM, Final inspection test machine, Leakage Testing Machine.
- Represent department at audits like IATF, EHS, OHSAS.
- Annual budget plan, CAPEX/OPEX Planning of spares, maintaining consumables at Site.
- Involvement in Planning and implementation of planned maintenance such as TBM, CBM, TBR, Shutdown plan.
- Break-down analysis by Fish-bone diagram, WHY-WHY Analysis, FMEA, Pareto analysis, contingency plan.
- Responsible for cost saving maintenance practice with team.
- Responsible for reduce energy consumption in plant such as Compressed Air, Electricity, Gas, Hydraulic oil.
- Responsible for implementation of TPM, 5S, QCC, Kiazen activity in department.

2017-10 -
2019-08

Engineer

LEADEC INDIA PVT LTD

(Site-Ashok Leyland Plant-2, Hosur, Tamilnadu)

- KRA-Shift activities Paint shop, spares and consumable planning and management, vendor follow up.

Maintenance of engineering systems



Very Good

Conventional engineering practices



Very Good

Safety engineering



Very Good

Engineering Process Design



Good

Mechanical engineering principles



Good

Engineering/project management experience



Good

Engineering and technology



Very Good

Engineering plan preparation



Good

Engineering drawings/standards



Good

Mechanical engineering



Very Good

Engineering Analysis



- Paint Shop Maintenance of PT line, CED painting process, Booth system, Dry and Bake Oven, Conveyor system, AHU, Hot water generation system, Water treatment plant like RO and DM plant.
- Responsible for servicing and Maintenance of equipment like AHU, Chiller, cooling tower, EOT crane, Pneumatic and hydraulics system, conveyors and other rotary equipment.
- Drawing analysis for assembly of equipment, erection work and alignment work.
- Planning of spares, maintaining running consumables at Site.
- Involvement in Planning and implementation of planned maintenance and new project jobs.
- Break-down analysis by MTTR, MTBF, WHY-WHY Analysis, 5M.
- Involvement in Preparation of preventive maintenance schedule & data sheets for process equipment.
- Responsible for preparing Daily break down report during Production.
- Responsible for Material management, equipment history record.
- Responsible for Preparing and checking check list for Equipment.

2015-06 -
2017-09

Jr. Executive

The Akshaya Patra Foundation, Rourkela, Odisha

- Responsibility of Operation and Maintenance of all Mechanical and Electrical System.
- Boiler, Steam Line and water line, Conveyor, Motor, Pump, Compressor and other static and dynamic Equipment Preventive, Breakdown and Shutdown Maintenance.
- Preparing & Maintaining of ISO Standard Documents like Preventive Maintenance Schedule month wise, Machine History Record , Breakdown Intimation Form, Master List of Machine and Equipment, Maintenance Task Register daily, Calibration Record measuring instrument and also Maintain Yearly Calibration Planning Record.
- Plant Legal Compliance like Boiler License Renewal,

Good

Engineering plans



Good

Root Cause Analysis



Very Good

Equipment maintenance
and repair



Very Good

Inventory maintenance



Good

5S organization



Very Good

Staff Training



Very Good

Written and verbal
communication



Very Good

Technical troubleshooting



Very Good

Data Collection



Very Good

HVAC systems



Very Good

Mechanical system design



Good

Manufacturing process
controls

Pollution Certificate, and DG Regularization.

- Preparation of shift schedule for Technicians and Operators to attain all kinds of Breakdown and Operation respectively of all Mechanical and Electrical System.
- Also responsibility for Breakdown and Preventive maintenance of food distribution Vehicle.
- Maintaining Vehicle legal compliance like Fitness Test, Pollution Test, Road Tax, Driver's License Renewal.
- Procuring machinery and consumable materials and keep record for maintenance store and also prepare reordering point of material.
- Purchase of different goods and services, Vendor management, Vendor Payment Process.
- Raise contacts for local and out station vendors for spare parts, new equipment and also for maintenance of equipment.
- Try to optimum use of Plant and Machinery for cost consciousness of Consumable and Equipment down time.

2013-09 -
2015-05

Supervisor

Ameya Finishing Solution Pvt Ltd, Pune, Maharashtra

- Responsibility of Plant operation and Maintenance during shift.
- Daily monitoring Equipment status and Production Line Monitoring work.
- Preparing Maintenance report daily, Preventive and breakdown maintenance Report.
- Erection, Commissioning and Maintenance of EOT Cranes, Conveyor, Burner, Blower, PT line, CED process, Pumps.
- Production process inspection and maintenance..
- Handling manpower and Maintain Safety Precaution.
- Adjusted job assignments and schedules to keep pace with dynamic business needs, factoring in processes, employee knowledge and customer demands.
- Handled customer complaints, resolved issues and adjusted policies to meet changing needs.

Good

Preventive Maintenance

Very Good

Troubleshooting and
diagnostics

Very Good

Energy management and
control systems

Very Good

Employee management

Very Good

Languages

Hindi, English & Oriya

Software

AUTOCAD

Good

CATIA

Average

MS OFFICE

Very Good

SAP

Very Good

ERP

Good

Education

2015-08 -

MBA: Finance and Marketing

2017-09

C.D.C.E., FM University - Balasore, Odisha

- With 60%
- FM University

2009-09 -

B.Tech: Mechanical Engineering

2013-09

Bhadrak Institute Of Engineering & Technology -
Bhadrak, Odisha

- With 7.2 CGPA
- BPUT, Rourkela, Odisha

Interests

Making Friends

Traveling & Bike Riding.

Watching Movies

Listening to Music

Certifications

2011-08

AUTOCAD

2020-09

MASTERCAM

2013-07

CATIA

PROJECTS AND TRAINING

- Under Taken one month vocational Training at ROURKELA STEEL PLANT, Odisha.
- Manufacturing of Hand Injection Mould at CTC, Bhubaneswar, Odisha.
- CFD Analysis of Vertex Shading and Mixing Elbow using Gambit & Fluent software, BIET, Odisha.