

BARUNA KUMAR PRADHAN

Achievement-driven Professional targeting **Senior Level** assignments **Electrical Maintenance** with a leading organization of repute **preferably in Automobile, Manufacturing, Medical Equipment, Plastics, Painting & Packaging Industry**



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Core Competencies

Electrical & Mechanical Maintenance

Project Planning & Execution

Operations & Maintenance

Equipment Installation

Service and Contract Management

Testing and Inspection

Environmental, Health & Safety (EHS) Management

Manpower Management



Soft Skills



Communicator



Thinker



Innovator



Collaborator



Intuitive



Machines Managed

- PLC, SCADA, CNC machines (Allen Bradley, Siemens, Mitsubishi)
- Control panel, VFD, SERVOPACK
- Flexible printing machine
- Hydraulic unit
- Thermopack Boiler
- Blowfilm Machine
- Extruders machines
- Flexo Machine
- Hot Sealing Machine
- FFS Pouching machine
- 22kv Substation, & Distribution System
- LT Panels, APFC panels and utilities
- DG, Air compressors, Chillers & Cooling tower
- Hydraulic and Pneumatic operated manipulator
- Heat Exchangers, pneumatic conveyor system
- Poka-yoke stations
- Hydraulic Cutting and pressing machine
- Shearing Machine
- Eot Crane Turbo mixture



Profile Summary

- A competent professional offering an experience of **12.8 years** in **Maintenance, Project Management, Plant Operations, Preventive & Predictive Maintenance for Electrical & Mechanical**
- Capable of planning **electrical maintenance schedules** of equipment & components of utilities to ensure **zero/ minimum breakdown, machinery increase uptime & equipment reliability**
- Expert in planning and effectuating **preventive shutdown, breakdown and predictive maintenance schedules** of equipment and components of **electrical plants** utilities to ensure **minimum breakdown**
- Proven capabilities in **formulating project baselines**; monitoring projects with respect to cost, resource deployment, time overruns, quality compliance & specifications to ensure satisfactory execution of projects related to maintenance
- Expertise in implementing cost saving techniques/measures and modifications to achieve substantial reduction in all types **O&M expenditures and work within the budget**
- Experienced in managing functions related to in-process **inspections, implementation** of quality standards & various techniques and adopting modern methodologies in compliance with **Health, Safety & Environment**
- Proficient in resource planning, in-process inspection, team building & coordination with internal/external departments
- Experienced in ensuring **effective site management** and discipline to ensure safety/ hygiene and timely execution of projects in accordance with standards pertaining to equipment

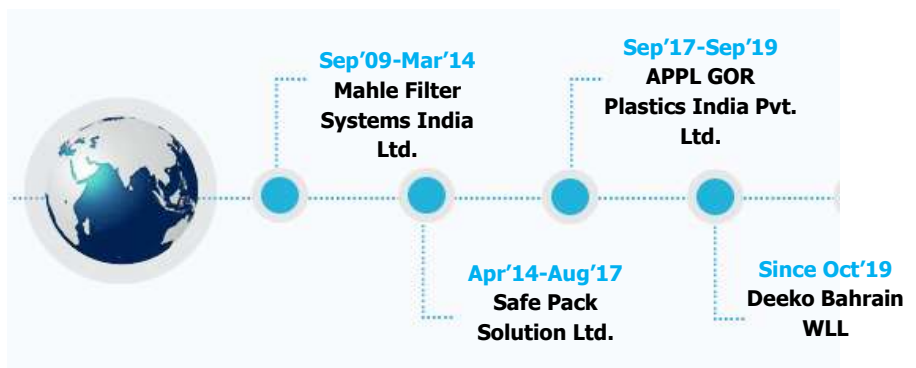


Education

- Diploma in Electrical Engineering from U.C.P Engineering School, Berhampur, SCTE&VT Orissa with 71.92% in 2009



Career Timeline





Work Experience

Since Oct'19 with Deeko Bahrain WLL as Senior Maintenance Engineer

Key Result Areas:

- Troubleshooting:
 - Thermoforming moulding machines, single layer and multilayer extrusion machine VFK and RR Plast with 600kg/hr, 800kg/hr. and 1000kg/hr. capacity
 - Troubleshoot PLC make Mitsubishi, Siemens and Allen Bradley
 - servo motor, ac/dc motor, servo packs, AC /DC drives, Variable frequency drive (VFD)
- Maintaining Extrusion machines, Thermoforming molding machine Dehumidifiers, Dryer hot oven, Pelletizer machine, Inline crusher machine, press machine & hydraulic press machine, 22kv Substation, & Distribution System, capacitor bank (APFC panels), LT panels
- Updating History cards, PM check sheets, Why Why analysis of counter measure breakdown and make kaizens
- Scheduling maintenance, responding to breakdowns, diagnosing faults, and supervising engineering and technical staff
- Implementing predictive & preventive maintenance schedules for various equipment to increase machine up time & equipment reliability
- Identifying scope for modifications in equipment, process flow, work practice, consumables, power for controlling & reducing conversion cost per unit vehicle
- Managing operations related activities involving resource planning, preventive and breakdown maintenance, in process inspection and coordination with internal departments
- Identifying areas of obstruction/breakdowns and taking steps to rectify the equipment through application of troubleshooting tools on an electrical fault
- Delivering quick and accurate troubleshooting during equipment downtime
- Using SAP/ISCALA/ERP" for planning, maintenance, spares, equipment availability, purchasing & inventory management
- Implementing IMS for standardized system by document availability of SOP, SMP, QMS, EMS, OHSAS
- Administering the document updating, internal audit, quality circle implementation, equipment and asset management, continuous improvement, training under quality management
- Ensuring high equipment reliability and equipment availability by proactive actions like equipment automation, connection modification under process enhancement



Previous Experience

Sep'17-Aug'19 with APPL GOR Plastics India Pvt. Ltd., as Maintenance Engineer

Key Result Areas:

- Maintenance of:
 - Troubleshooting and install Counter rotating twin Screw extrusion line from ICMA having 1000kg/hr. capacity.
 - Troubleshooting of PLC make SIMENS S7 300 and SCADA system for Material Handling.
 - Conair make Heat Exchangers, pneumatic conveyer system, screw conveyor systems, hydraulic cutting and pressing machine, shearing Machine, hydraulic calendara, Eot Crane Turbo mixture.
 - Maintaining utilities like 30TR Chillier, Kaiser Air Compressor ,500KVA DG, 4Ton Voltas Forklift.
 - Procurement of all Electrical & Mechanical Maintenance Material
 - Familiar with 22kv Substation, & Distribution System

Apr'14-Aug'17 with Safe Pack Solution Ltd. (ISO 9001:2008) as Maintenance engineer

Key Result Areas:

- Machine installation and commissioning.
- Troubleshooting of PLC machine Make Allen Bradley SLC 500 .Maintenance of Extrusion coating m/c, Lamination, printing, Pouching, slitter, Rewinding, sheet cutting, , Hot air generator, Rotary oven, Extruder m/cs ,Flexible 8colour/4colour printing m/c, Hydraulic unit , web Alliner ,Tandem m/c, Thermopack boiler, Blownflim mc, paper creep mc flexo m/c, hot sealing m/c ,ffs pouching m/c welding m/cs, and utilities LT panels, DG, Air compressors, chillers, etc.

Sep'09-Mar'14 with Mahle Filter Systems India Ltd. (TS 16949:2002 & OHSAS 1400:2004) as Junior Engineer

Key Result Areas:

- Troubleshooting of CNC machine make – SIMENS 810 GA3, PLC machine Make Allen Bradley, Mitsubishi, Symens.
- Maintenance of printing, slitter ovens, Rotary oven, electric oven, Hot plate welding m/c, clipping m/c, pleating m/c with curing oven, spot and multi spot welding, belt conveyor, return conveyor (flat type conveyor), hydraulics hands stacker, all poke yoke station, Continuous pleating m/cs, Extrusion m/cs, seeming m/cs, welding m/cs, and utilities DG, Air compressors, etc.

Personal Details

Date of Birth: 10th April 1988

Languages Known: English, Hindi, Oriya & Marathi

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