

Raghav Tripathi (B.E. Electronics and Communication)

Designation: - DM Manufacturing (Utility, Maintenance, and Automation)

Email: raghav.tripathi002@gmail.com

Contact: 8586873752

8802730320

A Manufacturing Engineer with **8+ years** of experience in Plant Maintenance & Commissioning, Plant Automation, Attending Break down including PLC, Drives, HMI, SCADA and Instrumentation

PROFILE SUMMARY

- **PREVENTIVE MAINTENANCE PROGRAM:** Monitors, Plans and implements a preventive maintenance program to try and achieve ZERO defects for all equipment in the Multiplexes in the organization and Improve MTTR and MTBF.
- **Planning, Budgeting, Cost Control:** Monitoring costs (**Cost Analysis**) on a day to day basis, and Executing cost saving techniques/ measures and modifications to Improve equipment efficiency and preparing MIS Reports.
- Lead a team of Engineers to plan and prioritize maintenance activities based on Monthly Production Plan.
- Optimize overtime generation by proper leave/shift planning and also developing the KPIs to measure the performance of Shift executives at Plant to ensure high productivity.
- Guide team to prepare the SOPs especially for critical technical aspects and approve them and effectively communicate the approved SOPs to all concerned and monitor them.
- **Preventive Maintenance** for Utility Section majorly UPS, water distribution, Plant Lighting, Fire Hydrant system to avoid undue breakdowns.
- **Hands on PLC's like Siemens, Allen Bradley and Drives like Danfoss, Siemens, and Allen Bradley.**

CORE COMPETENCIES

- Plant Operations & Maintenance
- Utility Maintenance
- Plant Breakdown & Preventive –Corrective action
- PLC Programming & SCADA /HMI Development
- Automation Troubleshooting
- Installation & Commissioning

ORGANISATIONAL EXPERIENCE

- **Varun Beverage Limited, Kanpur from Sept -2019 to Present**
Designation: Deputy Manager (Maintenance)

Key Result Areas:

- Managing plant maintenance work control, infrastructure, facilities support and plant operations
- Monitor employee work performance annually through a performance review for assigned employees
- Assist in scheduling of work and purchase supplies as necessary
- Works to provide plant maintenance within the budgetary parameters of the department
- Manages projects, Client and contractors within the scope of the maintenance budget
- Performs initial orientation/training, assessment of development and follow up training
- Managing all the activities of Boiler /Chiller/Cooling Towers/AHUs/ LP & HP Compressor / Transformer /UPS /Forklift/DG/LV/HV operation with Zero breakdown with full efficiency.
- Managing Power & Fuel KPI with standard parameters .(Boiler & DG Fuel KPI/Blowing & Beverage Power KPI)
- Managing Temporary manpower cost.
- Support to the associated dept. Shipping /QC & ETP/WTP operation.

- **Samsung India Electronics Limited, Noida from Oct -2018 to Aug 2019**
Designation: Assistant Manager (Automation Control & Maintenance)

Key Result Areas:

- Responsible for preparation of daily & monthly progress report of Maintenance Department.
- Planning & implementing the preventive & predictive maintenance schedules for improving the overall reliability maintenance of Machines, personnel and production processes.
- Tracking daily breakdowns, implementing preventive maintenance programs to improve the efficiency of the system or the equipment undergoing maintenance.
- Maintaining the Break down History card and creating MPR, PO for spare parts & servicing in plant & Record the energy consumption on daily basis.

- **Bry-Air Asia Pvt.Ltd. ,Gurgaon from March/2018 to Sept/2018**
Designation: - Team Leader - Industrial Automation

Key Result Areas:

- Review of Bible received in terms of Automation requirements (Type of controller /make, Controller hardware selection, VFD selection etc.). To check and approve electrical wiring diagram for automation / controls / sensors / valves wiring.
- Selection of required actuators for damper having suitable torque etc. Detailed catalogue/selection chart to be made available for all selected items and proper digital marking.
- Selection of required Sensors and transmitters. Detailed catalogue/selection chart to be made available for all selected items and proper digital marking.
- Selection of all suitable hardware related to PLC /Automation/ Control, reviewing of communication protocols required or asked by the customer. Scope of supply.
- Preparation and submitting monthly reports for review and analysis.

- **New Era Control Pvt. Ltd. (Group of New Era Machine), Gurgaon from Jan/2016 to Feb/2018**
Designation: - Site Engineer

Projects Handled:

Organization: **Olam International**

Application: Dough Mixing, Dough Feeding, Forming, Baking Oven & Post Baking

Site: Accra, Ghana (South Africa)

Role:

- Commissioning of Complete Biscuit Line including Mixer, Dough Feeding, Molding, Cutting, Baking Section, Cooling and Packing Table.

Some Other Projects:

- Dukes SRJ Foods LLP (Jalna, Maharashtra): Moulding Machine
- Anmol Biscuit Ltd, Alnapatna, Dalua, Odisha : Mixer, Molding, Cutting, Oven & Cooling Machine
- ITC Ltd, Uluberia, West Bengal, Kapurthala Panjab, Guwahati Assam : Molding & Post Baking Machine
- Sobisco Biscuits Ltd (Nagpur & Hazipur, Bihar): Mixer, Rotary, Oven & Cooling Machine
- Britannia R&D Centre, Bangalore

- **ATC Engineering Systems, Noida from May 2011 to Dec/2015**
Designation: - Sr.Engineer -Project

Projects Handled:

Organization:

ONGC, Mumbai

Synopsis:

The system was based on controlling the ventilation and air condition of the platform. The system comprised of three units i.e. AHU Unit, Condenser Fan Unit & Compressor Unit. The System was designed to run on manual and auto modes. The communication between PLC for redundancy was carried out with Control Net while Ethernet Module was used for the (SCADA) communication with PLC.

Application:

Heating Ventilation & Air-Conditioning (HVAC) System

PLC:

Allen Bradley Redundant Compact Logix 1769-L43

SCADA/HMI:

FTView SE, FTView ME

Site:

HEERA, BPB, BLQ-2 & NQ Process Complex, ONGC Mumbai High

Role:

- Managed establishment of the communication with RIO Panel & SCADA
- Carried out commissioning and managed handover of the system

Some Other Projects & Applications:

- PM House (Delhi) - Security system
- Ferrero (Baramati) – Material handling system
- Amar Tea (Group of Society Tea) Vadodara - Milk-Tea powder making
- Teva API India, Malanpur (M.P.) - Waste water treatment & furnace temperature controlling system
- PMV Nutrient ,Kashipur (U.K.) – Material handling
- Hindustan Uniliver Ltd,Amlī,Silvassa – Material handling systems
- Nestle India (Samalkha) – Rejection system
- Tata Chemical (Babrāla) – Data logging - Weighting controlling system for bagging unit
- Jindal Steel Ltd (Hisar) – Furnace controlling by Oil & LPG source
- Bilt Paper (Ballarpur) & ABC Paper (Panjab)
- ITC Ltd (Malur)- Material handling system

ACADEMIC DETAILS

- **Bachelor of Engineering** (Electronics & Communication Engineering) (2006-2010) from Shri Ram Collage of Engg. &Mgmt., Gwalior (M.P.) with 73%.
- 12th from Excellence H.S. School, Chhatarpur (MP Board) in 2006.
- 10th from Saraswati H.S. School, Chhatarpur (MP Board) in 2004.

Additional Qualification:

- Industrial Automation Engineering (IAE) training from Sofcon India Pvt.Ltd., Noida in 2011
- Basic Offshore Safety Induction Emergency Training (B.O.S.I.E.T.) from Setrac, Navi Mumbai.

CRITICAL SKILLS

Hardware:

PLC/PAC:	Control Logix, Compact Logix, Micro 800 (AB), M171 (Schneider)
HMI:	Panel View series (AB), GXU (Schneider)
Drive:	Power Flex Series (AB), FC-301,302 (Danfoss)
Servo Drive:	Kinetic series

Software:

Programming Software:	RS Logix Studio 5000, RS Logix Emulator, CCW & Drive Executive, So Machine HVAC Application (Schneider)
HMI / SCADA Software:	FT View Studio Site Edition (Local) & ME, Vijeo Designer (Schneider)
Communication Software:	RS Linx, RS NetWorx for Control Net & Ethernet/IP
Utilities/Tools:	MS Office, RS Tools, Yabee (Bacnet), Mod poll (Modbus), MX Worker
Designing Software:	AutoCAD, E-Plan (Sound knowledge)

PERSONAL DETAILS

Date of Birth:	11 th October 1988
Fathers Name:	Amar Singh Tripathi
Permanent Address:	Behind Home Guard Line, Dist. - Chhatarpur, Madhya Pradesh Pin- (471001)
Languages Known:	English and Hindi
Strength:	Patience, Effective Team Leader, Motivator, Firmness of nature
Hobbies:	Astrology, Cooking, Play game of chess, Internet Surfing.
Passport:	Yes

DECLARATION

I hereby declare that all information given above is true to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

DATE : / /
PLACE: Kanpur

Raghav Tripathi