***Expertise & Specialization in Machine Maintenance Management System with 10. 7+ years of experience in Industrial automation & Machine Maintenance***

*(PLC programming, Automation, Electrical maintenance of PLC / CNC controlled Hydraulic, Pneumatic & SPM machines,Vmc maintenance, HPDC maintenance ,weld shop maintenance ,Robot maintenance, Paint shop maintenance ,Auto electroplating Maintenance ; Injection molding maintenance, Power presses maintenance, Utility maintenance, Projects)*

Ishaan Gambhir

736/4 Pachranga Bazaar, Panipat

E-mail: -ishaangambhir@gmail.com

Mobile: - 8221003347, 7838777709

# Qualification

* Diploma in Elect Eng. from Govt. Polytechnic Sanghi (Rohtak) with 70% marks securing 1st division from 2006-2009.
* Metric from HSBE with 70% marks securing 1st division From 2005-2006
* Pursuing **Energy Manager Certification course** from BEE, Govt of India.

# Proficiency/ Skill Strength:

**Key Responsibility in Heading Maintenance:**

* **Hands on experience in Leading Maintenance** for Continual improvements in Overall efficiency of Equipment’s and Machineries.
* Experience of Maintenance of CNC Machine shop, PLC controlled machines, Assy shop, Paint shop , Injection molding, Press shop, Utility Maintenance, High Pressure dicasting Machine shop ,Robot Maintenance (make fanuc), weld shop Maintenance Kaizen improvements, Green Field projects, Cost reduction, **Energy Management**, Machine refurbishment.
* Implementation of countermeasure action plans thru Root Cause analysis to Eliminate or Reduce Breakdowns & Enhancing machine uptime of equipment with Continual improvement activities.
* Planning & Review of **Preventive Maintenance system** and Execution and Monitoring for Effectiveness of PM implementation.
* Planning and Execution of **Predictive Maintenance** (Condition Monitoring of equipment’s) for Abnormality inspection and forecasting of Spare life before Breakdown occurrence.
* Action plan implementation for Improving **MTBF and Reducing MTTR.**
* Review and Identification of Critical spare parts and Spare part management in Maint stor.
* System adherence as per **IATF 16949, ISO-EMS- 14001, OHSAS 18001.**
* Training & skill development of maintenance technicians through Internal Training and External Training.
* **Energy Management System –** Monitoring of Energy consumption, Review and Evaluation, Project initiations, Implementation, Improvements with result and payback calculation.

**Technical Skills Expertise:**

* **Electrical / Electronics / CNC –Fanuc , / PLC / Industrial Instrumentation** /**Automation/Utility Equipments /Mechanical maintenance of machines.**
* **PLC programming and Automation, Modification in PLC Logics, Ladder Diagram**: Installation & Programming of **Mitsubishi FX series and Q series, , , Omron PLC, Delta PLC**
* **CNC system troubleshooting and maintenance**: **FANUC CNC (0i, 0i mate-MD/TD, Power-mate, 0i-MB, 0i-TB)** and **GX Developer** (Mitsubishi).
* **Preventive & Predictive Maintenance:** Planning of Preventive & Predictive maintenance schedule and implementation- Analysis for Effectiveness of Preventive maintenance
* **A.C. Drive: Installation, Programming of A.**C. Drives make Mitsubishi FR series, Siemens Micro master, Omron drives, Schneider Altivar, ABB drives.
* **Hydraulic and Pneumatic:** Exposure of troubleshooting of **hydraulic and pneumatic system** to work independently with mechanical systems and to understand the problem.

# OERLIKON BALZER INDIA PVT LTD FROM DEC 2018 TO TILL DATE

1. **Designation Senior officer (Maint head)**
2. **Reporting** to : DGM operation head
3. **Functional Area** : Machine & Utility Maintenance & Projects - Electrical / Electronics, CNC maintenance / SPM machines-troubleshooting, Coater Machine ,PLC Based Machine Maintenance ,Paint shop Maintenance , Preventive Maintenance / Predictive Maintenance, Energy conservation, Cost Negotiation, Spare Standardization and Inventory monitoring, Improve-mental Projects, Press shop

# UFI FILTERS INDIA PVT LTD., Bawal (25 Sept 2013 To Dec 2018 ) 5Year 5 months Approx

**Designation** : Asst Manager (Maintenance)

**Reporting** to : Manager Maintenance (Maintenance)

**Functional Area** : Machine & Utility Maintenance & Projects - Electrical / Electronics, CNC maintenance / SPM machines-troubleshooting, HPDC Maintenance ,Injection Molding Maintenance, Robot Maintenance ,PLC Based Machine Maintenance ,Paint shop Maintenance , Preventive Maintenance / Predictive Maintenance, Energy conservation, Cost Negotiation, Spare Standardization and Inventory monitoring, Improve-mental Projects…

**Job Description:**

# Ensuring the smooth running of all Shop floor and Utility Equipment’s and Machinery in running condition in plant.

# Preparation of Weekly and Monthly MIS, MPCP & Projects, review with team and Head-Maintenance, Plant Head.

# Root cause analysis of daily Breakdown and action for BD elimination to enhance Machine Uptime & MTBF.

# Preventive Maintenance planning and implementation for effectiveness, Practices of Predictive Maintenance in plant, and machine reconditioning in plant.

# Support to Projects Management team for new projects, BOM, layouts, resources, Team formation for Maintenance, Machine proving for projects at Vendor End and Plant site.

# Monitoring of Action plan and implementation to increase MTBF and to reduce MTTR of machineries.

# AMC renewal of Utility equipment’s, Machine’s.

# Energy cost reduction and Spare cost reduction planning and implementation in each plant.

# Skill enhancement training plan and implementation for Maint. Team

# To initiate Energy saving project, Drive Project, monitor and Controlling of results

* Budget preparation for Capex and Maint spares and services, (Critical spares and Consumable and Capex items).
* Doing in-house modification and Automation in Machine with PLC program modification, RLC circuit.
* Utility consumption analysis and action plan to reduce Energy consumption.
* System adherence thru **IATF-16949, EMS 14001 & EHS 18001** best practices.
* **Troubleshooting and maintenance of Utility equipments, LT switchgears, Transformers, ACB’s**

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# Previous Industrial Experience:

# Motherson summi system ltd : March 2011-Sept 2013 (2 Year 6 Months)

**Designation** : Engineer (Maintenance)

**Reporting** to : Head (Maintenance)

**Functional Area** : Overall Machine & Utility Maintenance & Projects - Electrical / Electronics, PLC Programming-Maintenance/CNC maintenance/Welding Robots/SPM machines-troubleshooting, Preventive Maintenance/Predictive Maintenance, Energy conservation, Cost Negotiation, Spare Standardization and Inventory monitoring.

**Job Description:**

**Ensuring the smooth running of all Equipment’s and Machinery in running condition in individual group plants.**

Technical and Managerial support to individual plant for resolving major issues, Team formation, Trainings, Breakdown elimination, Preventive Maintenance planning and implementation for effectiveness,**.**

# Action plan and implementation to increase MTBF and to reduce MTTR of machineries.

# AMC renewal of Utility equipment’s, Machine’s.

# Skill enhancement training plan and implementation for Maint. Team

# To initiate Energy saving project, Drive Project, monitor and Controlling of results

* Handling maintenance of, Electrical & Instrumentation Engineering Equipments including Drives, PLC oriented instruments, all type of sensors, encoders & Thermocouple Based Equipments, Level Controllers, transmitter etc.
* Maintenance of compressor (electrical screw (type)capacity of   200cfm and 250 cfm(atlas copco
* Maintenance  of  500 kva set dg(Cummins)
* Handing of plc like Mitsubishi fx series (knowledge about ladder diagram) & its corrections and ac variable frequency drives ,npn sensor and pnp sensor and encoders
* knowledge about cnc machine pipe bending Fanuc software , Mitsubishi e 500 series drives & installation of its parameters & its basics modified functions & vertical milling machine make Hartford
* knowledge about cnc machine servo system incremental & absolute encoders & cnc wiring cutting teaching programming & others functions
* Knowledge about cnc wiring cutting &curriming make jam and (shinmaywa)
* Handling of taping machine & its maintenance & manual crimping
* Spare parts details and records and documentary details (mil),
* MTTR reports and MTBF reports , Ohasas ,Iso Documents And Ts Documents

# JBM Group (Neel auto P vt Ltd) :March 2009 to March 2011

**Designation** : Asst Engineer (Maint)

**Reporting** : Manager (Maint)

**Functional Area**: Overall Machine & Utility Maintenance- Electrical / Electronics, PLC Programming-Maintenance/CNC maintenance-troubleshooting, Preventive Maintenance/Predictive Maintenance

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* Maintenance of SPM machines having CNC & PLC controlled system for various operations, Heat treatment shop from electrical, mechanical and automation side.
* Generating **MIS reports**  and control maintenance indices charts.
* Planning and carrying out of **Corrective (B/D), Preventive, Predictive maintenance activities** (Time based/ Condition based preventive maintenance) for maintaining health of CNC, PLC /SPM controlled machines & continual maintenance activities **to improve MTBF and to minimize MTTR.**
* Spare part planning and inventory control by min-max of critical spares, **localization of imported spares**, and communization of multimarket spares. Negotiation of Spares and Cost reduction.
* **New machines installation and commissioning** and **refurbishmen**t of old machines with electrical and automation.
* Handling of **ISO/TS16949 & EHS-OHSAS -18001** standards and maintain documents and records as per system requirement.
* Execution of **cost saving and energy saving** projects in effective area in plant.
* In-house low cost automation, Poka - yoke and modification of circuits and electrical panels, kaizen activities, improvements activities.
* **Troubleshooting and maintenance of PLC, MESSUNG PLC, SPM machines, Delta PLC, mechanical maintenance.**
* **Troubleshooting and maintenance of CNC control (FANUC CNC,) controlled SPM machines.**
* **Troubleshooting and maintenance of Utility equipments, LT switchgears, Transformers, ACB’s**

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**Personal Profile :**

**Name : Ishaan Gambhir**

**Father’s Name : Sh. Madan lal**

**Date of Birth : 27 July 1989**

**Permanent Address : 736/4 Pachranga Bazaar Panipat**

**Haryana -132103**

**Phone no. : 7838777709**

# Mob. : 8221003347

**Salary Drawn : Rs 10. 5 lac per month**

**Salary Expected : sam**

Place:

Date: **(Ishaan Gambhir)**