***10years experience in industrial automation & maintenance of Foundry(Induction furnace ,Gravity Die casting, heat treatment furnaces), Machine shop(CNC, VMC with Fanuc, Siemens & Brother control), Forge shop(Screw press, Hot & Cold forgings with Mitsubishi, Delta, Omron , Siemens PLC) & ROBOTICS (Yaskawa & Fanuc) in reputed automobile units.***

**DILER SINGH**

Vill.-Dabodha, Tehsil-Farrukh Nagar Distt.-Gurgaon ((Haryana)

Email dilersingh08@rediffmail.comPhone 9467171855, 9812932113.

###### \*Job Objective:

Seeking middle level position in Maintenance Operations, Industrial automation / Instrumentation & Control / Commissioning with a growth oriented organisation.

###### \*Academic Credentials:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **Name of the institute** | **University** | **Year of passing** | **Agg. %** |
| High school | Govt. High School Mushedpur | H.B.S.E | 2004 | 74 |
| 12th (P.C.M) | Govt. Sr. Sec. School Farrukh Nagar | H.B.S.E. | 2006 | 76 |
| Diploma (Elect.) | Govt. Polytechnic Jhajjar | H.B.T.E | 2008 | 68 |
| Pursuing A.M.I.E | I.E.I . Kolkata |  |  |  |

###### \*Areas of expertise:

###### *Maintenance Operations*

* Developing and implementing plans & schedules for Maintenance, Preparation of periodic and predictive maintenance plan.
* Maintenance of **MITSUBISHI, ALLENBRADELLY and SEIMENS,** PLC based machines.
* Maintenance of **ROBOTICS(Fanuc** and **Yaskawa**)
* Maintenance of pneumatic & hydraulic systems with valves of FESTO, SMC, Yuken.

###### *Spares Management*

* Assessing requirement of spares; indenting material & on time procurement indented material.
* Governing the inventory function of spares involving planning for storage and use of material so as to improve storage conditions and reduce expenses by utilizing the spares within time so as to maintain inventory.

###### *Planning&Project execution*

* Manpower handling so as to schedule the project for completion of new equipments.
* Directing site execution activities involving erection, commissioning. Finally complete execution of the project. Planning and execution of retrofitting in m/c.

###### \*Projects handled:

* Hydraulic Power saving circuit implementation on Plant Level.
* Converted circuit of milling and button removal machine from RLC to PLC (**Mitsubishi**).
* Retro fitting of Die casting machine with replacement of **Mitsubishi PLC** in place of **Messung.**
* Energy saving project on shop floor.
* Successfully installation & Commissioning of all machines of piston plant, Al. foundry, engine valve and ring plant.

###### \*Career Feature:

**1. Deputy Manager (Maintenance) @M/S Sunbeam Auto(P) Ltd. Guru gram from Sept. 2015 to till date.**

* To handle various planned maintenance activities on shop floor.
* Troubleshooting, analyzing and attending all mechanical and electrical breakdowns of machines and peripherals.
* Implementation of system documentation in maintenance department.
* To ensure proper installation and commissioning of new machines.
* To provide necessary technical guidance to the sub – ordinates on shop floor activities.
* Identify the needs of spares required to facilitate various breakdown/ preventive maintenance activities.
* Identify training needs of personnel reporting to me and ensure provisions.
* Plan manpower requirement and motivation of subordinates.
* Identify areas of continual improvements and kaizens and plan for their implementation.
* Ensure safety and 5S practices on shop floor.
* Implementing TPM on shop floor.

##### *2. Electrical maintenance Engineer @ M/S Shriram Pistons & Rings Ltd. Pathredi , Bhiwadi from Aug.2010 to Sept.2015*

* Annual preventive maintenance plan of all the Equipment /Machine
* Carried out preventive maintenance as per plan
* Break down maintenance during shift
* Planning and control of spares inventory
* All maintenance documents as per TS -16949 procedure manual
* Making of **cause & effect diagram, MTTR, MTBF, PARETO, and Why-Why analysis.**
* **Installation and commissioning of machines.**

***3. Maintenance Engineer @ M/S Pranav Vikas India Ltd Faridabad from Aug.2008 to Aug. 2010***

* Handling of breakdowns in shifts independently.
* Worked as a part of Preventive maintenance team.
* Involved in TPM activity.
* Maintaining 5S
* Maintaining breakdown records

###### Summary of Experience:

* Knowledge of **Total Productive Maintenance** (TPM).
* Machines Details -

|  |  |  |
| --- | --- | --- |
| **MACHINES** | **MAKE** | **MACHINE CONTROL** |
| CNC |  ACE Micromatic, Mazak, Takisawa, Kolbensmith, Taurus,  | Fanuc, Seimens |
| VMC | Fanuc Robodrill, BFW, Brother, DMG,Chiron,SW, AMS, | Fanuc, Seimens,Brother |
| Robotics | Fanuc, Yaskawa | Fanuc, Yaskawa |
| Gravity Die casting | SRB,Macht | Mitsubishi PLC |
| Melting Furnace | Inductotherm | Inductotherm |
| Heat treatment  | Shoei Finishing, SQF,  | Mitsubishi PLC |
| SPM |  Highway, Macht, HMT,Accurate,Orbital, | Mitsubishi, Seimens |

* Hands on experience on **V.F.D.**of **Mitsubishi & Allenbradely.**
* Knowledge of programming in **Mitsubishi, Siemens& Allenbradely PLC.**
* Knowledge of programming in **HMI & G.O.T** of **Mitsubishi.**
* Knowledge of diagnosis & editing **CNC Ladder** of **Fanuc Control.**
* Extensive experience in effective periodic& predictive maintenance of CNC/PLC machines to enhance equipment reliability and to reduce machine downtime.
* Well familiar with the operations of SAP system on MM and PM module..
* Knowledge of basic **hydraulic and pneumatics**
* Knowledge of **5S, 3M** etc.
* Root Cause Analysis of m/c Breakdown.
* Monthly monitoring of **MTBF and MTTR**

###### Personal Vitae:

Date of birth 22/05/1988

Marital status Married

Language known Hindi, English

**Declaration:**

* I have declared that all the above information given by me is completely true to the best of my knowledge.

Dated

Place: (DILER SINGH)