##### Curriculum Vitae

##### AJAY GUPTA

S/o Sh. RAM DASS **Work Experience**

**E-Mail:-** [gajay2211@gmail.com](mailto:gajay2211@gmail.com) **FORD MOTOR - 9 YEARS**

**Mobile**: +91 9033219528,9518664566 **JBM- 2.5years**(PLANT MAINT.)

**~ Seeking assignments in ~**

***Maintenance (Automation & Mechanical) & Green field project in Automobile.***

***AN OVERVIEW***



* Diploma in Mechanical Engineering with 11+ years of experience in Maintenance and Troubleshooting Functions & green field Project execution, Installation & Commissioning & Automation.
* ***Presently associated with* Ford India Pvt. Ltd.*as a Maintenance Associate Engg. in* Body Shop/BIW/Weld Shop** *with* 96% *Automation****.***
* Adroit at handling operations& maintenance related to Robot, PLC, Fixtures, Pneumatic & Hydraulic Systems, Utilities.
* Adept at resolving technical issues through root cause analysis and providing technical support to internal customers.
* Experienced in implementing **modification** enhance operational efficiencies of the equipment & Process. Possess good operational analysis, troubleshooting issues and decision-making strengths.

***ORGANISATIONAL SCAN***



**Mechanical & Automation – Maintenance Associate Engg. with Ford India Pvt. Ltd, Sanand, Ahmedabad**

**Since January’2014**

**Areas of Exposure:**

**W**orking as a **MAINT.ASSOCIATE ENGG.**in Body/Weld shop.

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| --- | --- | --- |
| **JOB PROFILE( AUTOMATION)** | | |
| **M/C INFORMATION** | **M/C INFORMATION** | **M/C INFORMATION** |
| * **Kawasaki Robot BX200L,MX500L, MX350N. ZX,BT, Series with E-42&44 controller.** * **PLC Allen Bradley(A.B)L-73S(R.S 5000 and R.SLinx communication software.** * **HMI Factory Talk View.** | * **SCA Sealer system(Auto/Robotics).** * **Electro-pneumatic fixture.** * **Stud gun (Auto &manual** * **3G Servo IT spot weld gun with Bosch controller with Bosch 6000 software diagnostic.** | * **FDS conveyor system.** * **Roller and Belt conveyor (PRB).** * **VDL(Vertical drop liftr** * **Geo pallet/fixture conveyor,Turn table.** * **Festo & smc valve with FMT.** * **Hydraulic/pneumatic system.** |

***Operations & Maintenance***

* Identifying areas of obstruction/breakdowns and take steps to rectify the equipment through application of troubleshooting tools.
* Scheduling and planning **predictive**, **preventive maintenance** for process plants, and root cause analysis including budgeting and cost control activities. For Backup of equipment prepare & Execute **BBQ** for reducing Downtime. Well adherence of the **SAP (PM Module)/MFM (Maximo for Maintenance)**Software for Maintenance activity planning.
* Monitoring plans/schedules to start Shutdown activities and achieving production targets, implementing maintenance systems.
* Evaluating maintenance records of all equipment and systems on a regular basis to ensure their effective performance in normal condition.
* Monitoring over **FMEA**, **O.E.E**, **and MTTR**&**MTBF**. On basis of observation and implemented modifications try to achieve actual mean Cycle Time.

***Project Execution***

* Overseeing project activities involving working out various requirements with respect to machines, equipment, monitoring operations for ensuring timely completion.
* Dealing & Negotiating with vendor and individual contractors for daily basis target work completion.
* Support Project team for preparation of
* Layout, technical specification of field instrument ts.
* Logic modification and trouble shooting.
* HMI modification.
* PM, AM, PDM, and major Maintenance tasks modification and implementation.

***Significant highlights:***

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* Part of Green Field Project of launching Model B562 and involved in all launching activities [VTTO, TT Build, PP (Pilot Production), MP (Mass Production)].
* Robot cycle time improve, **HMI** and **PLC** new logic modified for geo pallet came out and etc.
* Robot gripper modified with dimensions.
* Part of **BBQ CFT** for reduction of cycle time of robot.
* **BBQ** for robot.
* IN JBM kaizen done for cost saving of equipment and energy.

***EDUCATION***



* **Diploma in Mechanical Engineering** from **S.B.T.E. , HARYANA** in 2011.secured 74.08%
* 12th FROM H.B.S.E IN MARCH-2008.
* **10th** FROM H.B.S.E IN MARCH-2006.
* IT Forte

Well served with MS Office.

***SKILL DEVLOPMENT TRAINING***



* **NTTF**- 2 month’s Basic Refresher training in Ahmedabad (Hydraulic, Pneumatic, PLC, HMI, Fanuc Robot and etc.)
* Taken training of 5 days of SEW DRIVE in Vodarodra.
* In house practical training, **PLC (Allen Bradly)**, **KAWASAKI Robot**, **ATC by Applied Robotics, SCA sealer system** from **Schuker Automation**.
* 1 day training program on **TS –16949 –2009, OHSAS –18001, ISO--14001.**
* Training on **Robotic welding (Motoman**)

***PREVIOUS EMPLOYERS DETAIL***



**Organization:** Jai Bharat Maruti Ltd.(JBM)

**Duration:** July 2011 to December 2013

As a **JR.EXECUTIVE** my job covers the following areas to maintain –

|  |  |  |
| --- | --- | --- |
| Press Shop | **Weld Shop** | **Utilities** |
| * Mechanical presses 200T –400T (HMT) * Die spotting press 50T (Kojima, Japan) | * Spot welding m/c (Jai Hind, Mechelonic, Dengensha, Portable & Stationary upto 200KVA * Multi torch spm& auto Robotic Welding M/c’s welding m/c’s . * Double coiling & multi spot welding m/c’s. * Curling, Flange forming, baffle press, leakage testing m/c’s . * IT Guns of Different Make. | * Air Compressor 1000cfm (KG Khosla& Atlas Copco) * Cooling tower maint. * Water pump maint. * EOT crane upto 20T. * Tool room m/c’s like lathe, milling & surface grinder. |

**Roles & Responsibilities:**

* Individually handled shifts and bare responsibilities as shift in charge & man power handling.
* Planning and Scheduling of Preventive maintenance tasks and shut downs without affecting production targets.
* Planning & control of machines spares
* Attended Break downs and solved it within time limit.
* Prepare Daily& monthly Maintenance Report.
* Maintain updated records **TS –16949 –2002, ISO –14000 system**.
* Looking after equipment buy off procedure.

**KNOWLEDGE PURVIEW**



**Automation:**

* Knowledge in Ladder programming and troubleshooting.
* Maintenance & Troubleshooting of Allen Bradly 1756-L73 PLC
* SEW EURO Drives up to 15 Kw.
* Knowledge of operation and maintenance of **Motoman**& **Kawasaki Robots** BX, MX, ZX and BT Series With different applications(Material handling , spot Welding , Vision System ,Hamming, Sealer System , ATC, Stud welding)
* Knowledge of operation and maintenance of weld controller of Bosch Rexroth.
* Knowledge of 3G-Spot welding Gun make of ARO.
* Depth Knowledge of Manual & Robotic **IT** Welding Gun.
* Adherence about Spot welding m/c (Jai Hind, Mechelonic, Dengensha, Portable & Stationary up to 200KVA
* SPM & auto Robotic Welding M/c’s welding m/c’s.
* Installation and maintenance of Bi-directional Solenoid and Proportional valves.
* Installation and maintenance of **FESTO** make CPX-Module series FB-36.

**Mechanical:**

* Well adherent about **Mechanical work,** **Electro-pneumatic and Hydraulic** equipment system trouble shooting and able to modify circuit.
* Maintenance & Troubleshooting of **Press shop** equipment -Mechanical presses 200T –400T make of (HMT).
* Maintenance of Die spotting press 50T Make of (Kojima, Japan)
* Maintenance of **Utility deptt** equipment-Air Compressor 1000cfm make of (KG Khosla& Atlas Copco) ,pump, cooling tower.
* Knowledge of EOT crane up to 20T.
* Hands-on experience **Tool room m/c like** lathe ,boring, drilling, milling, welding m/c & surface grinder.
* Curling, Flange forming, baffle press, leakage testing m/c.
* Maintenance & Troubleshooting of Paint shop equipment-different types of conveyor like-chain, slat, belt and vertical drop lifter.
* Fixture modify according to design and correction.
* Maintenance & Troubleshooting of different type of robots of Kawasaki, motoman robot.

***PERSONAL DOSSIER***



Address:-

H.No.369, Shiv Colony, G. No.4,

Post Office-Model Town,

Dist.- Hisar

State- Haryana.

Current location-Ahmedabad.

Passport:- Yes, I have.

Language Know: English & Hindi. (Ajay)