**SANJAY GUPTA**

**E-mail: sanjaygupta052@gmail.com**

**Phone: (+91)8591187409**

**Date of Birth** : 03 March, 1990.

**Job Objective:**

To pursue a career in the field of Mechanical Engineering focusing on learning to develop skills of Quality, Performance and Management thereby enhance the job performance.

**Experience Summary:**

* 5.9 years of work experience in various Process Engineering and Production Engineering (Heat Treatment of Steels & Induction Hardening with metallurgical lab) activities in Automotive Farm Industry.

**Current Employer:**

Presently working with Mahindra & Mahindra, Swaraj Division as JUNIOR ENGINEER. from july. 2011 to till date.

**Roles/Responsibility Handled:**

**1. Production Engineering / Planning:**

* Schedule daily production to ensure feed to assembly line and LMS for grinding operation.
* Daily meeting of operators to achieve daily production target.
* To prepare and effectively implement action plans to improve Productivity in shop.
* Daily monitoring of DWM(Daily Work Management).
* Day to day production planning and achieve Production targets
* Controlling complete process parameters of Carburizing furnaces (Sealed quench furnace and Pit Furnace) and induction hardening.
* Preparing the SOP for any New Product

**2. Process Knowledge:**

* Knowledge of various Heat treatment processes-Hardening, Tempering, Normalizing, Carburizing, Annealing, Induction Hardening .
* Developing Heat Patterns on steel components for the new products and controlling the process induction hardening.
* Maintaining the sealed quench furnaces,gas carburizing furnaces(pit type) and induction hardening machine as per TPM Requirements.
* Process controlled on seal quench & gas carburizing furnaces.
* Performing root cause analysis and preparing reaction plan for the abnormalities
* Rework analysis through PDCA and implementing countermeasures.
* Metallurgical inspection of finished material

**3. Cost Reduction:**

* Fixture modification.
* Reduction in Rework by taking countermeasures.
* Kaizen for the productivity improvement

**4. Quality Management**

* Quality inspection of the heat treated components by metallurgical microscope.
* Hardness measurement by the Rockwell Hardness Measuring Machine, Vickers Machine**.**
* Alum strip test of shot peening machine.
* Calibration and maintenance of all test equipments laying in shop
* Coordinate with outside test agencies for part inspections activities.
* Calibration of sealed quench furnaces.

**5. Training:**

* T.P.M.Training. (JH)
* TQM (DWM,SOP, Kaizen,Policy development ),Pokayoke Kaizen
* Safety Health & Environment Training
* P.D.C.A. Training
* Quality Circle.

**Computer skills:**

* MS-Office (Word , Excel & Power point), Internet

**Academic Credentials:**

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| --- | --- | --- | --- |
| EXAMINATION | INSTITUTION | YEAR | % MARKS/CGPA |
| DIPLOMA (Mechanical Engineering) | Seth Jai Parkash Polytechnic ( Damla)Yamunanagar. | 2011 | 69 |
| X | CITY Sen. Sec. School | 2006 | 63 |

**Personnel Details:**

Name : Sanjay Gupta

Father’s Name : Mr. Vinod Kumar

Date of Birth & Age : 03.03.1990

Languages Known : English, Hindi & Punjabi.

Present CTC : 2.80 Lacs /Annum

Work Experience : 5.9 Yrs

Permanent address : Vill. Tirthnagar,tehsil-Jagadhari,Distt-Yamunanagar

 (HARYANA)