

## CIRRICULUM VITAE

### SUDARSHAN SINGH

HN 117 Dashmesh Enclave  
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### **Career Objective**

Detail-oriented Mechanical Engineer with 7 years of experience in managing different phases of engineering operations, looking for a managerial position. Capable of handling multiple projects at a time with minimum supervision. Motivated to offer the highest quality of services with a complete focus on safety, environmental, and health issues. I want to excel in this field with hard work, perseverance and dedication. I want a highly rewarding **career** where I can use my skills and knowledge to help the company and my coworkers be successful. I am seeking a company where I can use my **experience** and education to help the company meet and surpass its **goals**

### **Academic Qualification**

Exam	Institute	Board/University	Division
<b>MBA(2016-2018)</b>	Punjab university (USOL)	IGNOU university	
<b>B.Tech Mechanical Engg.(2008-2012)</b>	Green Hills Engineering College Solan (H.P)	Himachal Pradesh University Shimla	First
<b>12<sup>Th</sup></b>	G.S.S.S Raili Jajri	HPBOSE Dharmshala	First
<b>10<sup>TH</sup></b>	G.S.S.S Raili Jajri	HPBOSE Dharmshala	First

### **Experience:-**

#### **Present company**

DCM Engineering Products Limited, Punjab

**Duration:** From Dec 2015 to Present

**Designation:** Executive Engineer

**Department:** Plant Engineering

**Current Job experience:** - Maintenance of Plant and utility

- **DG set:** Cummins 1000kva , 500kva , Mitsubishi 1000 kva LT and 1000 kva Cummins HT types (all A check B check , C check & D check of DG set )
- **Compressors:-** Maintenance of the screw air compressors of Atlas copco model GA-132 , GA- 160 and GA-1407 and Keaser compressors . Service, repair and maintenance work of compressors. Troubleshooting of compressors breakdown. ( As as long time user of compressors I have good experience of these compressors problems that come by internal or external factors).
- **Cooling towers:-** Maintain the condition of cooling towers and water quality. Periodically checking all essential condition for maintaining the cooling tower.
- **Boiler:-**Maintain the boiler condition and water condition. Emergency handling of CFBC Boiler, safe Startup and Shutdown, Have knowledge of hot & cold startup, Ability to take quick action during emergencies, Make periodic inspections to see that all equipment and controls are operating properly and are in good condition.
- **LPG Yard:-** Maintain the all safety parameters, maintain the all equipment that use in the LPG yard, maintain the condition of LPG bullets of 40 ton. LPG loading unloading and handling safety parameter checking.

- **Fork lifters:** Maintain the fork lifters of voltas, done their services, repairs, and handle the breakdowns, ensure the safety condition, engine overhauling etc
- **Refrigeration and Air conditioning :-** Maintenance of refrigeration and air condition system of plant such as office AC, chillers
- **Other utilities equipments:-** STP , ETP, maintenance of pumps , softening plant, water tanks, Air receivers, electric panels, etc
- **Plant maintenance:** Preventive maintenance of plant equipment such as molding machines, high pressure molding line, melting furnaces, molten metal holding equipment like Press pour, raw material handling cranes, lpg and heater oven, conveyors, bucket elevators, Muller, boiler, production line breakdowns in plant.

### **Job Responsibilities**

- Experience of **utility** section of **Plant such as DG set, screw compressors, Boiler, chiller, cooling towers, pumps.**
- Experience of plant maintenance of molding machines, **HPM line , KW line** furnaces, Press pour, cranes, oven, conveyors, bucket elevators, Muller, production line breakdowns in plant.
- Maintain the MTBF & MTTR of machines, Equipment's etc
- Experience of handling assembly machines line, Press, Engine working system knowledge
- Knowledge of hydraulic and pneumatic circuit.
- Experience of DM Plant, ETP plant, Softening Plants ,Pumps , chilling plants maintenance
- Coolant & hydraulic Pumps, maintenance.
- Coagulation tanks, water circulation management, water treatment
- Ability of problem solving skills, QC story, Fault tree analysis,
- Knowledge of fire fighting equipment, co2 flooding system
- Do Analysis & Control of Break Downs
- Shut Down & Preventive Maintenance Planning & make the control plan
- Experience of handling Inventory monitoring & Control, Spare parts planning & Control
- Resource conservation Projects planning & implementing
- Cross Audits of inter Maintenance department for safety & quality PM.
- Monitoring the Organization Policy Implementation in Department. (IATF, ISO, OHSAS, EMS, KAIZEN, etc.)
- Planning & Execution of Shut Down activities
- Maintained the documentation and prepare the monthly review ppt.
- Machine autonomous maintenance documentation.
- Maintain the spare parts stock.
- Handle the thirty peoples and there problems.
- Make planning for coming up jobs
- Responsible for maintaining and repairing heavy equipment required in the day to day working.
- Responsible in troubleshooting the machines if there is any problem and complaint from the clients
- Analysis of machine failures.
- Assessing the needs of equipment replacements, spare parts.
- Assessment of the required tools for the maintenance of the equipment.
- Adopt and implement a detailed maintenance plan to minimize failures resulting in stoppage of work.
- Making machine parts drawing.
- Made suggestions and provided valuable insights about QA process improvements – Introduced changes to improve the quality system.
- Handling the workshop activities such as repairing of motor, valves, hoist, etc

### **Previous company**

Micro Polytect Ltd, Himachal Pradesh

**Duration:** From Oct 2012 to Nov 2015

**Designation:** Assistant Engineer

**Department:** Maintenance

### **Previous Job Profile:**

- Maintenance of utility section of Plant such as DG set, compressor, chiller.
- Maintenance of molding machinery as named L&T s-tech 60, L&T D-tech 150, L&T s-tech 200 L&T s- tech250, Windsor-100,150,350 & 450, Veja, Toshiba 150, Ferromatic 250, boiler.
- Maintenance of cranes, mold, airline. Maintained the spare parts of machine.
- Responsible for performing routine maintenance.

- Replacing the spare parts of the machines as and when required.
- Responsible for maintaining an inventory for the requirement of the supplies and spare parts.
- Improvement of Productivity, Quality, Safety
- Responsible in troubleshooting the machines if there is any problem and complaint from the clients
- Maintained the PM records

## Technical Training experience

I have completed my Vocational **Training** at TATA service station Bilaspur, duration of ten weeks.

I have **ten week experience** in mechanical **automobile work** shop.

In this training I have gained practical knowledge about construction and working of an automobile and there parts such as how they assemble or disassemble? How they perform mechanism? What is the importance of an individual part? What is the advancement used in an automobile to increase its efficiency.

## Professional strengths include

Improvements/Innovation

Computer basics, IT Softwares: **Auto cad,SAP**, Microsoft office

Material Planning

Manpower Utilization/ work execution

## Project Done

- Installation of air pollution control devices.
- Modification of water pipe lines and changes the cooling circuit to reduce the power cost and improve the cooling by maintaining pressure and flow.
- Changing the cooling system design of water cooled screw compressors.
- Installation of 500 kva DG set and 1070 cfm screw compressor.
- Installation of 20mva transformer.
- Installation of DM water plant.
- Press pours Vat change and inductor change.
- Reduction of manpower on differ type of jobs.

## Strength

- Creative mind
- Loyalty for work, Ability to Work under Pressure.
- Best Planning, good decision maker
- Self-motivation
- Ability to adjust with changing environment

## Other Personal Information:

Date of Birth	22 dec,1990
Father's Name	Sh. Hardev Singh
Nationality	Indian
Permanent Address :	Vill – Jajari, P.O. – Raili Jajri, Teh. – Barsar, Distt. – Hamirpur, ( H.P ) - 176039
Correspond Address :	HN 117 Dashmesh Enclave Mundi kharar distt mohali pb- 140301

## DECLARATION

I consider myself familiar with almost every Engineering aspects. I am also confident of my ability to work as a competent member. I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**Date:**

**Place: Chandigarh**

**SUDARSHAN SINGH**