**RESUME**

**SATPAL SINGH**

Engineer (Electrical Maintenance)

Press Shop & Weld Shop

**Mobile:**+91 7837866205, +91 7988400195

**E-mail:** satpalsharma09@gmail.com

**CAREER OBJECTIVE**

A challenging growth oriented position in a progressive company where I can contribute to the organization success not only by my technical experts but also though my innovative ideas & desire to achieve excellence in whatever I do.

**WORK EXPERIENCE**

* Currently working with **ISGEC HEAVY ENGINEERING Ltd. Yamuna Nagar, Haryana.** Manufacturer of hydraulic and mechanical presses as an **electrical automation Engineer** from Jan 2017 to till now with **salary package of 5.5 lakh annually and family accommodation**.
* I worked with **“Sigma Freudenberg Nok Pvt Ltd. Mohali, Punjab.** An Indo-German-Japan joint venture, manufacturers of oil seal for vehicle as a **Maintenance Engineer** from July 2014 to Jan 2017.
* I worked with **“JBM GROUP” Neel Auto Pvt. Ltd PantNagar, SIDCUL (U.K).** A standard manufacturer of Automotive Pressing & Components as an **Asst. Maintenance Engg.** From May 2012 to July 2014.
* I worked with M/S TATA MOTORS LTD. Pantnagar (Uttarakhand) in Assembly Shop Maintenance Department as **Supervisor Trainee** from March 2010 to May 2012.
* I was worked with **Dynatech Controls Pvt. Ltd. Gurgaon** as a **Design & Asst. application Engineer** from July 2009 to march 2010**.**
* I was also worked as a Computer Data Operator in Vita Milk plant, Sirsa after completing matriculation from may 2002 to Jan 2006.

**PRESENT COMPANY PROFILE**

**ISGEC HEAVY ENGINEERING Ltd.**

**YAMUNA NAGAR (HARYANA)**

IHEL an ISO 9001-2000,TS 14001 & OHSAS 18001 Company having a turnover around 2700 crores & well known Company. Company is engaged in manufacturing of Heavy Mechanical & Hydraulic Presses, Steel plant equipment’s, Sugar plant machinery’s, Boilers, Heat exchangers, Pressure vessel, Heavy Grey iron castings, Liquefied gas containers. Company is one of the largest Industry of design & manufacturing of Hydraulic Presses, Mechanical Presses, and Boilers & Heat exchanger.

**PREVIOUS COMPANY PROFILE**

**SIGMA FREDUNBERG NOK PVT LTD.**

**MOHALI (PUNJAB)**

SFN is a joint venture of SIGMA (India), FREUDENBERG (Germany) and NOK (Japan). This joint venture came into effect in 2000 and it emerged as leader in the sealing business not only in India also continued to cater the need of international demand. SFN manufacture oil seal for Bajaj Mahindra & Mahindra, Tata Motors, Royal Enfield, GE motors, New Holland, Escort etc.

**JBM GROUP, NEAL AUTO PVT. LTD.**

**PANTNAGAR, SIDCUL (U K)**

* JBM GROUP is a Leading Vendor & standard manufactures of Automotive Components for Tata Motors, Fiat India, and Mahindra & Mahindra. L&T John Deere Pvt. Ltd., Bajaj AUTO Ltd., Ashok Leland, Hero Group, Honda Group, Videocon International Ltd. & Kinetic Engineering Ltd etc.
* Neal Auto Pvt. Ltd. Pantnagar unit was started in 2006 with the JBM GROEP.
* JBM GROUP also manufacturer of heavy commercial vehicle (Bus). JBM GROUP’s product range is extensive - Cars, Utility vehicles, Light Commercial Vehicles (LCV), Heavy Commercial Vehicles (HCV), 2-wheelers,domestic vehicles, Electronics Equipment.

**M/S TATA MOTORS LTD. PANTNAGAR (U K)**

* TATA Motors Ltd. is India’s largest automobile company. It is the leader by far in commercial vehicles in each segment and second largest in the passenger car market with winning products in the compact, midsize car and utility vehicles segments. The company is the world’s fifth largest medium and heavy commercial manufacture and the world’s second largest medium and heavy bus manufacture.
* A Unit of Tata Group engaged in manufacturing of NANO Worlds Best Economic segment car (People Car) small transportation vehicle like ACE, MAGIC, MICRO BUS & SUPER ACE etc.
* TATA MOTORS is an ISO/TS 16949:2002,TS 19002:2002 ,ISO  14001:2004,OHSAS 18001:2007 Automobile Company

**PROFICIENCY FORTE**

* Good exposure about PLC, MMI, Drives from AB, Mitsubishi, Omron & Siemens.
* Understanding of basics of Hydraulic and Pneumatic Circuits
* Trouble shooting of hydraulic and mechanical presses up to 2000ton (ISGEC).
* Erection of hydraulic and mechanical presses at site.
* Maintenance of Paint Shop operation’s Machine Hot water Generator, Chilling unit, Phosphate Sludge Filter, Ultra Filtration System etc.
* Assist Spares Planning, Man power planning and execution of Preventive Maintenance Activities
* Having good knowledge of Electrical controls and troubleshooting
* Controlling of Press Machine Operation With PLC & Contactor Logic ERFURT(1250 T,1050 T,800 T,500 T), HMT(800 T,630 T), KAUSHICO(200 T), PRESSMASTER(200 T & 80T) & ISGEC(315 T).
* Maintenance of Weld Shop M/Cs Mig Welding(MOGORA), Spot Welding (KIRPEKAR), Seam Welding(JAIHIND SCIAKY), Mesh Welding(JAIHIND SCIAKY) & ROBO NX100 & DX100(MOTOMAN,YASHKAWA).
* Controlling of Injection & Transfer Molding Machine of BOY, ARBURG make.
* Maintenance of SPM - Boring M/c (KENNANCTAL)Outer joining, Inner & outer joining m/c(WELDCON), Milling m/c, Leakage Testing m/c etc.
* D.C/A.C motors, starters (DOL, Star-Delta, and Reverse-Forward).
* Maintenance of D.G Sets from 750 KVA, 1000 KVA, 1250 KVA Kirlosker Cummins Make.
* Knowledge of Air compressor makes KAESER, ATLAS COPCO.
* Installation & Maintenance of AC Variable frequency Drives.
* Crane Double Girder make ElectroMech (30 T, 15 T, 7.5 T).
* Making Purchase Requisition ,Service Sheet and more in SAP. Preventive Maintenance Schedules, Daily Check sheets.
* Knowledge of Root Cause analysis and implementation of countermeasures
* Good knowledge about electrical circuitry, electrical switchgears.
* Experience in implementation of Maintenance History Book, Preventive & Predictive maintenance activities.
* Exposure about Suggestions, Kaizens, TPM, MTTR, MTBF, QCC concepts.

### Errection, Testing & Commissioning of AC Motor, MCC panels.

* Capable of troubleshooting at logic and component level for continuous production.
* Independently handling of the shift.
* To prepare the equipment planning & its procurement.
* Interlock checking for the system as per the supplier recommendation.
* Maintained daily logbook.
* Follow-up daily, weekly and monthly maintenance checklist.

**CORE COMEPETENCE**

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| --- | --- | --- |
|  **PLC** | **:** | S7-300, S7-1500, Safety PLC. (SIEMENS)Q Series, A Series, FX Series.(MITSUBISHI)CP1E, CJ1M, CJ2M & ZEN series (OMRON)Micro Logix (ALLEN BRADELY)Nexgen 5000,Nexgen 2000+ (Messung Systems) |
| **Software Platform** | **:** | Simatic Manager, GX-Developer ,RS 500,Codesys, CX Programmer |
| **HMI** | **:** |  Smart Touch GT Designer, GP Pro Ex, Siemens  |
| **Drives** | **:** | Micromaster440,Sinamics G120,ATV 71,Power Flex 753, |
| **Network Protocols** | **:** | Profibus DP, Ethernet TCP/IP |

**PROFFESSIONAL QUALIFICATION**

* Three year Diploma in Electrical Engineering in year 2009 with 70% marks from Ch. . Devi Lal Govt. Polytechnic Nathusari Chopta, Sirsa (Haryana).

**ACADEMIC QUALIFICATION**

* 10th from Haryana Board Bhiwani. In year 2002 With 69%

**TRAINING ATTENEDED**

* Three month Industrial Automation Training of PLC, HMI, SCADA Programming by Sofcon
* 5 Day Soft Skill Training Provided by **ATI-EPI** (**Advanced Training Institute for Electronics & Process** **Instrumentation**) **Dehradun.**
* Team Building, TPM (Total Productive Maintenance), Leadership, 5’S,
* Attitude Building, Communication, Kaizen (Continuous Improvement )
* One Day Training Program on SQDCM ( Safety , Quality ,Delivery, Cost & Morale )
* Training on time management, POKA-YOKE, 5S Housekeeping & Waste elimination.

**COMPUTER KNOWLEDGE**

* One year Advance Diploma in Computer Application
* Awareness of AutoCAD and E-plan (Software for electrical circuit designing).
* SAP-R6 and M.E.S Operations etc.

**STRENGTH**

* Positive attitude
* Believe in Continues Improvement.
* Responsible & Reliable to work.
* Ability to learn new things in short period

**HOBBIES**

Listening music, Playing Guitar & Playing Cricket

**PROFILATION**

Father’s Name    :   Sh. Hanuman Prasad

Date of Birth/Age    :  18 May 1987

Gender     :  Male

Nationality      :  Indian

Religion: Hindu

Language Known:  Hindi, English & Panjabi

Marital Status    : Married

Permanent Add. : V.P.O. – Bakrianwali, Distt/Teh.- Sirsa (Haryana)

**Declaration**

**I hereby declare, that my all above information are true and correct to the Best of my Knowledge.**

**Date :**

**Place:         Satpal Singh**