

## **SANJAY JOSHI**

**B.E**  
**ELECTRICAL**  
**RTM, Nagpur**  
**University,**  
**Nagpur**

**ELECTRICAL SUPERVISOR**  
**LICENSE (MAHARASHTRA) :**  
**437110001721102019**

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**E-Mail:**  
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**Personal Data**  
Passport No. : Z3173502  
Date of Birth : 29.08.1993  
Sex : Male  
Nationality : Indian

Marital Status : Unmarried  
Languages Known :  
English, Hindi, Kumauni  
,Marathi

Hobbies: Traveling,  
Cooking, Reading  
(Electrical related )

### **Career Objective :**

Competent Electrical Engineer Desiring a challenging and knowledge upgrading Environment .Opportunity to put forward my skills and knowledge in development of the firm.

### **Professional Summary :**

Electrical Engineer  
Main Receiving Substation (220 KV)  
Utility Department  
SUNFLAG IRON AND STEEL  
Location: Bhandara

### **SUNFLAG IRON & STEEL**

Sunflag iron and steel industry is a alloy steel manufacturer .Process include Sintering, Scrap melting, Continuous Casting, Hot Rolling, Cold Drawing.

### **Role & Responsibilities :**

- Handling Shift Minimizing Down time by smartly troubleshooting Electrical Problem , coordinating with different process department and maintaining a smooth manufacturing .
- Maintaining the power quality (Power factor, Maximum Demand, Voltage level )
- Smartly Leading the maintenance team from front.Achieving the desired results ,reliability, deadlines.
- Testing of Relays ,ICT, GT & power Transformers (upto 63 MVA),CT ,PT (220 kv level) instrumentation Equipment's(energy Meters ,Indicators).
- Working on Documentation Related to ISO ISO 9001, TS 16949, ISO 14001 , OHSAS 18001.
- Implementing and following TPM And 5S standards.Documenting data regarding TPM & 5S
- Drafting Purchase requisition ,handling Department Inventory through SAP..
- Designing of SOPs and providing training.
- Taking Up responsibility of major shutdown jobs and Maintaining records.

## Skill Set :

- Smart and effective Maintenance job by proper management and achieving the reliability of an asset by CBM,PM,RCM techniques.
- Producing new KAIZEN Ideas, POKA YOKE, and implementation of TPM and 5 S.
- Carrying out **maintenance of transformers, HT and LT motors and high voltage switchgears HTSB, LTSB , DC Battery banks .**
- **Testing of Transformers, High voltage CT and CVT, electromagnetic, numerical, micro processor based Relays.**
- Documentations Handling & **Good presentation Skill.**
- **Maintenance** of 220 kv sf-6 circuit breakers , 33/6.6 KV Spring operated ,Vacuum and SF 6 circuit breakers.
- **Training** of subordinates and electrical professionals on electrical advancement topics.
- Good Knowledge of iron and steel industry process like SMS, DRP, SINTER AND BRIGHT BAR UNIT which help in better understanding about utilization of electrical power.

## Achievements :

- Successfully completed 11 KV substation commissioning Project (resource management ).
- Successfully coordinated a Energy meter based in plant with the energy meter of power supplier
- **Running trophy and super gold** at QCFI Nagpur chapter 2019 for kaizen presentation.
- **Logic design** for Automatic control of Electrical Maximum Demand.
- **BEST EMPLOY OF THE YEAR AWARD**  
Was facilitated by the title of Best Employee for the year 2017 -18.

## Training And Projects :

- **SUMMER TRAINING:**  
Under gone summer training program in INDORAMA SYSTHETIC LTD.
- **FIELD TRIP:** Suzlon wind generation unit at chikaldhara.
- **CASE STUDY:**  
Name of Project: Automatic power factor control of plant .  
Thyrestorised switching of capacitors , alteration in the switching of APFC as per MVAR requirement, MVAR Compensation using synchronous alternators .
- **MAIN PROJECT :**  
Automatic control of Maximum Demand of steel plant having arc furnaces.
- **CURRENTLY WORKING ON FOLLOWING PROJECTS:**
  1. Complete Overhauling of GENERATING TRANSFORMER 20 MVA.
  2. learning to gain Maintenance and reliability certification.

### Academic Qualification:

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- **B.E, Electrical, RTM, Nagpur University – 2015 (70% aggregate )**
- **10+2** under central board of secondary education in 2011 **(85 %)**.
- **10<sup>th</sup>** under central board of secondary education in 2009 **(88 %)**.
- Won Robo-elevantar event consequently of three years in a row in engineering college. (A event in which a bot is to be made which is remote controlled and is able to pick up objects and place them as desired)

### Professional and other Skill :

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- Good Communication & Negotiation Skills.
- Analytical and Problem solving skills.
- Resource management.
- Maintenance and reliability.
- Presentation skill
- A good knowledge on Windows XP & Windows Vista, Microsoft Office,SAP.
- Sincere and dedicated towards my work.

DATE :

SIGNATURE: