

# **RESUME**

**SAJIN D.V**

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## **Professional Objective:**

**To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.**

## **Experience:**

Have professional experience, working as Senior Engineer in Electrical and Instrumentation Department Under SRIKALAHASTHI PIPES LIMITED (Group of Electro steel Castings Limited), Tirupati.(A.P)

## **Nature of Job and Responsibilities:**

- Responsible for overall functioning including start-up and regular operation of waste Heat Recovery steam boilers turbo-generator sets and balance of plant through DCS, PLC based systems, generating 12 MW [power and](#) 2.5 MW of Power.
- Turbo-Generator set and its protection relays (based on Microprocessor & Electromechanical), Auto voltage regulators (AVR) and synchronizing of TG.sets with grid and DG'S.
- Operation and Maintenance of 11 KV Sub-Station with Breakers, Power Panels, Automatic PF Controllers..
- Operation and Maintenance of HT/LT Switchgear Equipments, with SF6 and VCB up to 3150A.
- Maintenance of Transformers up to 3.5MVA, Generators up to 1000 KVA, 1250KW Motors.
- Maintenance of DSL & cranes.
- Installing and Commissioning of AC Drives, Temperature controllers, soft starters, flowmeters, motorized control valves.
- Maintenance of various Electrical Equipments & calibration.

## **Core Competencies:**

- Handling of electrical loads as per the requirement.
- Looking over all Shift Activities of the Plant
- Analysis of electrical consumption & consumed demand.
- Daily maintain the Overall Plant power consumption report.
- Weekly preparing the Formats of Preventive Maintenance.
- Implementing operational control procedure for DG sets, compressors, Breakers, plcs, soft starters and VFDS etc.,
- Preparation of daily work scheduling, material planning and manpower through SAP.
- Executing maintenance plans/schedules for reducing machinery down time to minimum and managing waste/discharges as per norms and updating the activities in SAP.

- Planning and implementing preventive maintenance schedules of various machineries and instruments to increase machine up time and equipment reliability.
- Man power Management and rectifying the breakdowns.
- Taking care of EMP's, Kaizens, improvements and ISO 9001-14001 documentation as auditor and auditee role..
- Managing the safety problems to avoid accidents..
- Identifying and Maintaining Critical Spares and updating records as per the requirements.

### **Personal Skills:**

- An effective communicator with excellent relationship, management skills, Strong analytical and organizational abilities.
- Ability to learn quickly is my forte that has helped me successfully manage various jobs given.

### **Project – 1:**

#### **Erection and Commissioning of Sinter plant with HT/LT Panels:**

**Project Duration: 6 Months**

**Team Size: 25 Members.**

- Discussion with core team Regarding the Requirement of Electrical layout.
- Transformer Capacity of 3 MVA, 2.5MVA Installed.
- Installation and Commissioning of 11 KV HT Panels&LT panels with all protection relays.
- Provided Fully Auto Controlled Cooling System for Transformer
- Testing of all HT Breakers, relays for Transformer and HT panels.
- Testing and commissioning of 7sr relays and cross checked all parameters.
- Commissioning of LT vfds, plcs, softstarters and connected to scada.
- Preparation of All Log Sheets/Data Sheets as per the Requirements.
- Quoted all the Recommended Spares for Emergency.
- Connected All the Feeders to SCADA, for Visualizing the required Parameters and to Control whenever Necessary.
- Prepared Safe Operating Procedure for Smooth and Better Operation and to Avoid Accidents.
- Preparation of Preventive / Shut down Maintenance Checklist for Earth pits and Breakers.

### **Project - 2:**

#### **Commissioning of Conveyor system with PLC**

**Project Duration: 6 Months**

**Team Size: 13 Members.**

- Preliminary Discussion regarding motors, loads for installation of panels.
- Cross checked the load list and electrical drawings.
- Commissioned HT Incomer, transformer 2.5MVA, LT breakers with all protections.
- Commissioned MCC panel with all Conveyor Interlocks with plc.
- Interlocked the HT panel and LT panels with plc for Remote mode operation.
- Installation of battery panels with all annunciations.
- Scheduled all components with drawings and prepare the layout for checking, calibration&trouble shooting.
- Prepared Safe Operating Procedure for Smooth and Better Operation and to Avoid Accidents.
- Preparation of Preventive /Shut down Maintenance Checklist for motor, breakers, mccpanels, battery charges, earth pits, plcs&starters.

**Experience Summary:**

Presently working as **Senior Engineer** in Electrical and Instrumentation Under **SRIKALAHASTHI PIPES LIMITED, Tirupati, Andhra Pradesh**, from July 2011 to Till Date.

**Team size: 25 members**

**Experience: 5.2 years**

**SRIKALAHASTHI PIPES LIMITED(Group of Electro steel Castings Limited)** is an ISO 9001:2008 & ISO 14001:2004 certified SAP Established company, who are leading in the manufacture of Ductile iron pipes, Pig Iron, Portland slag Cement, Coke & 12 MW Power plant.

**Academic Profile:**

**Pursued BE (EEE)** with 78% from Vins.c.college of engineering, Nagercoil ANNA UNIVERSITY (2007 – 2011).

**12th** (Math's, Biology) with 81.08% from St.mary's HSS melpali.

**10th** with 75.5% from vidya jothi Higher Sec School, marthandam.

**Personal Profile:**

Name	: SAJIN D.V
Father's Name	: C.DHAS
Mother's Name	: R.VIJAYAKUMARI
Date of Birth	: 17.02.1990
Sex	: Male
Nationality	: Indian
Religion	: Hindu
Passport no	: J6936339
Language known	: English, Tamil, Telugu, Malayalam&Hindi.
Permanent Address	: Thottacheri konam, malaicode, Edaicode p.o Pin:629152,K.k District

**Declaration:**

*"I hereby declare that the above information's are true to best of my knowledge."*

**Place : Tirupati**

**Name : sajin d.v**