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](http://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 ACDrives, 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 stators 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**