**RESUME**

**B. Venkata Krishna,**

**Mobile no +91 7569710190.**

**Deccan fine chemicals,Tuni ( ISGEC)**

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Objective: To pursue a career that is innovative, challenging and that which has bright growth prospects where I would be a professional manager and apply my strong analytical, technical and communication skills through hard work and dedication.

**Profile:**

* **Mechanical Engineering** with **12+** Years’ experience in Power Plant and Process Plant.
* Passed **Energy Manager** in 2019 from Beaureu of Energy Efficiency (BEE) conducted by National Productivity Council
* Worked in **2\*150 MW ( IPP ) Thermal power plant** in Zambia as **Commissioning** **Engineer** and as **Unit Operator.**
* Worked  as **SHIFT INCHARGE** in **JK PAPER MILLS, RAYAGADA,ORISSA.**
* Presently working as **Shift incharge cum Unit operator** in **DECCAN FINE CHEMICALS,TUNI (Co-Gen)** in **ISGEC** O&M

**Educational Qualification:**

* **A.M.I.M.E (Mechanical engineering)** from INSTITUTE OF MECHANICAL ENGINEERS, NAVI MUMBAI in 2013
* **D.M.E (Diploma in Mechanical Engineering)** with **74.1 %** S.B.T.E.T, Hyderabad (April 2008).
* **S.S.C** with **85%** Board of Secondary Education, Andhra Pradesh (March 2005).

**Employment History**

***Present Company. : DECCAN FINE CHEMICALS IND LIMITED, TUNI***

A Chemical production company, which is having a cogeneration plant with

130 TPH CFBC (HOT CYCLONE) IJT make boiler and 18 MW Cogeneration

Steam turbine.

***Designation. :*** UNIT OPERATOR

***Working period. :***  Nov 27 -2020 to till date .

**RESPONSIBILITIES IN DECCAN CHEMICALS**

* Responsible for continuous steam generation from CFBC boiler based on process requirement.
* Responsible for continuous monitoring and healthiness of fans and pumps running parameters .
* Maintaining Main steam temperature, pressure and process steam parameters.
* Schedule change over of major equipment’s
* Responsible for stabilization of plant during emergencies
* Responsible for start up of boiler and rolling of Turbine.
* Stabilization of boiler during emergency like single fans failures and abnormalities.

***Past Company :* *JK PAPER MILLS,RAYAGADA***

A 165000 TPA paper capacity , which included with a 165 TPH IRCFBC

Boiler ,and 200 TPH Black liquor fired Boiler. Two Extraction cum

Condensing Turbines of 30 MW and 25 MW , and one Extraction Turbine

Of 3.4 MW.

***Designation*** : SHIFT INCHARGE.

***Working Period*** : 16-SEP 2019 to 23 -NOV -2020

**RESPONSIBILITIES IN JK PAPER .**

* Responsible for generating steam from IRCFBC boiler according to process requirement.
* Responsible to achieve a good Evaporation ratio
* Look after proper distribution of Steam and Power according to paper mill priority.
* Uninterrupted supply of coal to boiler from CHP, ensuring healthy bunker levels.
* Issuing permits to maintenance departments for attending jobs like Preventive maintenance (PM).
* Controlling Loss Of Ignition.
* Proper and healthy isolating of equipment’s before handover to maintenance.
* Preparing Daily plant reports.
* Reducing auxiliary consumption, and specific coal consumption.
* Ensuring a quality return condensate from process plants.
* Maintaining quality DM water to CFBC boiler.
* Ensuring the healthiness of Ion exchangers in DM plant for producing maximum OBR.
* Reducing Effluent in Dm plant.
* Recycle and re-usage of Effluent water.
* Immediate charging of Steam headers of different pressures in case of emergencies.

Involved in Commissioning of **LTRC (LOW TEMPERATURE RECOVERY COLOUMN)** a process in which reducing the stack exit temperatures and Sox emissions , by utilizing the heat from ESP O/L to heat make up water.

***Previous Company*** **: *NAVA ENERGY ZAMBIA LIMITED*.,** ZAMBIA. (AFRICA)

A **2\*150 MW** CAPITIVE POWER PLANT equipped with 2\*510 TPH CFBC boilers and 2\*150MW Turbine(DONGFONG make)

31 stages (HP,IP,LP), Reheat Cycle operating at **13.75Mpa, 537 deg** (MS) ,**537 deg (RH)** temperature.

***Designation* :** Operation Engineer.

***Position* :** Assistant Shift incharge

***Working Period* : 02-March-2016 to 15-Sep-2019** .

**RESPONSIBILITIES IN NAVAENERGY ZAMBIA LIMITED**

* Worked as **Commissioning Engineer** for **510 TPH DONGFONG boiler** with **SEPCO** erection company.
* Involved in boiler fans, coal feeders, Lime stone feeders commissioning activities.
* Involved in preparing boiler for initial start up ( **Acid cleaning, Refractory dryout, Steam blowing, Safety popping, Oil Burner line up etc)**
* Responsible for Unit’s Safe start up activities and normal operations. (On hand experience).
* To play a lead role during cold and hot startup’s for safe start up of Boiler and Turbine avoiding to deviate the Boiler and Turbine main operating parameters like O2, Draught, Metal temperatures, HP DE and Turbine Vibrations.
* Assisting DCS operators during normal operations and Emergency operations.
* **Taking proper measures to decrease plant heat rate and reduce the auxiliary consumptions**.
* To look after **CEMS** (Continuous Emission Monitoring System) where the emission levels like **SOx, NOx and Dust** leaving the atmosphere are as per Pollution Control Board guide lines.
* Preparation of reports related to plant performance and operations.
* Monitoring the proper running of **BFP’s, CEP’s, DTP’s,** **CW pumps, ACW pumps , Cooling Tower fans** in Turbine area and following the safe change over if required.
* Monitoring the proper running of **ID fans , PA fans, SA fans, HP fluidizing Blowers** in Boiler area and following the safe change over if required.
* Taking proper measures to control LDO consumption during Hot and Cold start up’s.
* Issuing **Safety work permits** to Maintenance departments to carry out their jobs safely by proper isolating of the equipment.
* Handling boiler common header operations.
* Handling turbine normal and emergency operations.
* Trouble shooting of operational problems like **OPC, Black out and trips.**
* Handling of emergency operations like **Master fuel trip (MFT).**
* Handling of **Boiler Follow Mode** (Auto fuel feeding )and **Turbine Follow Mode** (Auto Governing control through **DEH** system) in Co-ordinate Control System loop.
* Preparation of Standard operating procedures, Emergency procedures, Isolation & normalization procedures.

***Previous Company* :** **NAVA BHARAT VENTURES LTD**.,

**114 MW Captive Power Plant** equipped with

* Thermax AFBC Boilers of capacities 125 TPH & 110 TPH
* KRUPP Industries CFBC Boilers of 2\*151 TPH
* Two turbines (32MW X 2) – SNM make Turbines
* 50MW x 1 - LMZ make Turbine.

***Designation*** : Engineer

***Working period*** : 07-March- 2009 to 20-May-2015 (6.3 years).

RESPONSIBILITIES HANDLED

* Worked as Boiler DCS operator on Krupp Make CFBC boilers of 2\*151TPH capacity .
* Faced emergencies like fans trip, boiler trip, turbine trip and Home load operation, etc.
* Involved in Steam line Common header operations combining units (50MW+32 MW).
* Monitoring of Auxiliary equipment .
* Involved in Maintenance activities during long shut down in Boiler area.
* Involved in Boiler start up , turbine start up activities.

SOCIAL ACTIVITIES

Started a non-profit organization(NGO) with group of school friends in 2013 with name “ALL WE CAN ASSOCIATION”. Our group involves in social service and fulfills the basic requirements in orphanages, old age homes and for the people who cannot meet their daily basic needs.

We also fulfill the blood requirements to the patients in emergency and as of date we fulfilled @5000 blood requests.

We do plantations, Swacha Bharat in public places and also in Govt schools. We fund ourselves from our monthly salary.

**Personal Particulars:**

Name : B. Venkata Krishna

Date of Birth : 10 – 01- 1990

Nationality :         Indian

Religion :         Hindu

Marital Status : Married

Languages known :         Telugu, English, Hindi, Tamil.

Permanent Address :     S/O SATYANARAYANA BHYRI

GOLD STAR JUNCTION

P.O: DASULAPALEM POST

DIST: VIZIANAGARAM

ANDHRAPRADESH 535161

**Declaration**:

I consider myself familiar with Mechanical Engineering Aspects. I hereby declare that the information furnished above is true to the best of my knowledge

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Place: Tuni B. Venkata Krishna

Date: 09.03.2021