

Satyanarayana Kantipudi



Mobile: +91 9166573592.

Email: satya.kantipudi30@gmail.com

Seeking a job opportunity in Power Plant Chemistry where I could use my energy & knowledge to the organisation growth as well as enhance my skills and knowledge.

SUMMARY

- 15 Years of experience in the areas of Thermal and Combined cycle power plant boiler water chemistry and Water Treatment plants Operation and Maintenance.
- Has previous working experience as a Team leader (WTP & LAB) in Cambodian Energy Ltd (CEL) (2 X60 Mw, 1 X150Mw) from July 2017 to July 2023.
- Well versed with Sea water desalination plant operation and maintenance.
- Well versed with activities of Pre-treatment (HRSCC, DAF & Lamella Clarifier, Gravity sand filters, and Pressure sand filters), UF, SWRO, BWRO & DM Plant.
- Sea water Electro chlorination plant Operation and Cleaning.
- Wastewater plant (Effluent) & Sewage water treatment and oily wastewater treatment Plant Operation
- Well versed with Electro deionization (EDI) Operation and Cleaning.
- Well versed with Fire Fighting system Operating and testing.
- Supercritical and sub critical Boiler water chemistry along with Condensate polishing system.
- Worked on Mechanical cooling tower as well as on Natural draft.
- Proficient in-service operations and calibration and troubleshooting of equipment.
- Exposure in commissioning of various equipment.
- Handled different party make water treatment plant like Ion exchange, Doshion, Triveni, Titan Chinese, Wipro and BGR make. Through PLC, DCS, & manual.
- Well versed with analysis of Water, Coal, Oil and Flue gas.
- Daily and Monthly reports preparation

PROFESSIONAL EXPERIENCE

COMMISSIONING & OPERATION done in the following companies.

- Worked as a Team leader (WTP, BOP&LAB) in Cambodian Energy Ltd (CEL) (2 X60 Mw,1 X150Mw) from July 2017 to July 2023.
- Worked as a chemist in Steag energy pvt ltd Botswana (Africa) (4 X150 mw) from 13th Sep-2014 to July 8th-2017.
- Worked as a Coordinator Chemist in GMR EMCO ENERGY Worora (2 X300MW) from 8th March-14 to 10th sep-14.
- Worked as a Jr. Officer in ADANI POWER Rajasthan Ltd (1320mw) (2 X 660Mw, super critical thermal power plant) from 8th Nov 2012 to March 6th 2014.
- Worked as a Sr. chemist in ARMSTRONG (O&M) 4.5MW from April 2010 to Oct 2012.
- Worked as a chemist in Enmas (o&m) 10 MW from Sep 2009 to mar 2010.
- Worked as a chemist in jswel (2X130 MW, 2X300MW). Bellary with M/S Koorens Engineers & Contractors & M/S Ideal Industries from June 2008 to Aug 2009.

HIGHLIGHTS

- Worked in India's first Supercritical power plant with oxygenated treatment.
- Involvement in commissioning activities in Adani power in the 2 units (Super critical Technology) along with Condensate polishing system.
- DM water generated through the cooling tower effluent in GMR (ZERO discharge project)
- Worked on BHEL units with assisted forced circulation boiler in Jindal power limited.
- Establishment of sophisticated Lab setup
- Worked on Water chemistry in both River and sea water.

Instruments Handled

- pH, Conductivity, Turbidity, ORP, DO Meter.
- HACH Spectro Photometer DR 2800, DR 5000, Merck pharo 300 and auto titrator.
- Centrifuge, Jar Test Apparatus, COD Digester, BOD Trak, MLSS, MLVSS
- Flame Photometer, H2 Purity Meter, Flue Gas Analyzer, ORSAT.
- Oven, Furnace, Bomb Calorimeter, Sieve Shaker, XRF, Sulfur analyser.
- Dry Wet Bulb Temperature, Bulk Density Meter, Dean Stark Apparatus.
- NAS Analyzer, Coulometer, Viscosity Meter.
- Honeywell BW MAX XT11 analyser Operation and handling
- Handling and analysis of Gas Chromatography

JOB RESPONSIBILITIES

- Monitoring of Boiler chemistry and coal, Gas, oil, and water
- Responsible for smooth operation of water treatment, wastewater, Sewage and oily Waste water plants and condensate polishing units.
- Responsible for chemical management

- Material management and defect rising through SAP & CMMS
- Preparation of documents as per ISO standards
- Implementation of 5's in the work area

ACADEMIA DETAILS

- M.Sc. (Organic Chemistry) & B.Sc.

Computer Skills:

- MS-OFFICE
- Well trained in SAP and CMMS

PERSONAL DETAILS

Name : KANTIPUDI SATYANARAYANA
Gender : Male
Father name : Kantipudi Suribabu.
DOB : 01-03-1985.
Marital Status : Married.
Languages known : English, Hindi, Telugu, Kannada, Tamil.
Passport no : Z6603370

The above Information is correct to the best of my knowledge.

Date:

Your's faithfully,

Place: India.

K. Satyanarayana