

KANTIPUDI VENKATESH

**Boiler Operation Engineer (BOE) From Andhra Pradesh,
PG Diploma in Thermal Power Plant Engineering From JSW,
B.TECH in Electrical & Electronics Engineering,**

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ABSTRACT

- ❖ Qualified Assistant Manager with more than **7 years** experience in BTG Commissioning and Operation of Thermal Power Plant.
- ❖ Having BOE Certification From Andhra Pradesh.
- ❖ Presently working in TATA STEEL BSL as Assistant Manager (BTG Operations).
- ❖ A keen performer experience in managing Commissioning and Operation of thermal power plant (**2x350MW PF, 4x150MW CFBC & 2x150MW IR-CFBC, 75 TPH Slop Fired Boiler**).
- ❖ Proficient in Operation & commissioning activities involving resource planning, in-process inspection, team building & co-ordination with internal/external departments.
- ❖ An effective communicator with excellent relationship management skills and strong analytical, problem solving & organizational abilities.

EXPERIENCE SUMMARY

TATA STEEL BSL LIMITED, Narendrapur, ODISHA.

Since Dec '2019 to till now

(2*275 TPH CFBC Boiler, 165 MW Turbine) Thermal Power Plant

Assistant Manager - BTG operations .

Steam Generators of **CFBC BOILER** M/s. THYSSENKRUPP INDUSTRIES INDIA PVT. LTD. Make **2x275 TPH** capacity, **105 Kg/cm²** press, **545°C** temp. With Turbo Generator **1x165 MW**, **WATER COOLED CONDENSER STEAM TURBINE** of M/s. SEIMENS make.

OMS LIMITED, VIZAG STEEL PLANT (RINL), Vizag, AP.

Since jun '2019 to Dec '2019

Boiler Incharge TPP Zone(16x25 TPH CDCP Boilers(WHRB)) .

Steam Generators of **WHRB BOILER** M/s. Belgorod Power(Russia) Make **16x25 TPH** capacity, **40 Kg/cm²** press, **440°C** temp.

MEENAKSHI ENERGY LIMITED, Nellore, AP.

Since Mar '2018 to May '2019

Assistant manager - BTG Commissioning & Operations.

1000 MW (2X350MW PF Boiler & 2X150MW CFBC Boiler) Thermal Power Plant

Steam Generators of **PF BOILER** M/s. CETHAR VESSELS LTD **2*1165 TPH** capacity, **179 Kg/cm²** press, **543°C** temp. With Turbo Generators **2*350 MW**, **WATER COOLED CONDENSER STEAM TURBINE** of M/s. HARBIN TURBINE COMPANY make.

Steam Generators of **IR-CFBC BOILER** M/s. THERMAX LTD **2*495 TPH** capacity, **143 Kg/cm²** press, **540°C** temp. With Turbo Generators **2*150 MW**, **WATER COOLED CONDENSER STEAM TURBINE** of M/s. NANJING TURBINE & ELECTRIC MACHINERY GROUP make.

Fives Cail -KCP Ltd, Dhampur, UP.

From Dec'2017 to Mar '2018

Sr. Engineer- Boiler Commissioning & Operations.

(75 TPH Capacity Twin Travelling Grate Slop Fired Boiler) Co-Generation Plant

Steam Generator of **SLOP Fired BOILER** M/s. Fives Cail KCP LTD. Make **75 TPH** capacity, **45 ata** press, **400°C** temp. With Turbo Generator **8.76MW**, **BACK PRESSURE TURBINE** of M/s. BHEL make.

SIMHAPURI ENERGY LIMITED, Nellore, AP.

From Oct'2013 to jun'2017

Engineer-DCS- BTG Operations.

600 MW (4X150MW CFBC Boiler) Thermal Power Plant

Steam Generators of **CFBC BOILER** M/s. WUXI BOILERS Make **4*487 TPH** capacity, **137 Kg/cm²** press, **540°C** temp. With Turbo Generators **4*150 MW**, **WATER COOLED CONDENSER STEAM TURBINE** of M/s. HARBIN TURBINE COMPANY make.

PRESENT JOB PROFILE

TATA STEEL BSL LIMITED, Narendrapur, ODISHA
till now

Dec"2019 to

Assistant Manager- BTG Operations

Responsibilities:-Working as Assistant Manager in BFPP-II(Blast Furnace Power Plant- II), looking Boiler Operations having capacity of 2×275 TPH CFBC Boilers.

- ★ Responsible for safe and smooth operation of Boiler , Turbine and their auxillaries by maintaining operational parameters.
- ★ Monitoring and recording performance of Boiler and Turbine.
- ★ Emergency handle like black out, tube leakage, coal feeder, oil burner, BOP areas, Fan tripping, BFP changeover.,
- ★ Annual shutdown and over-hauling activities like valves and damper operation checking, air leak test and hydro test etc.,
- ★ Responsible for ensuring all environmental & chemical parameters within the limit.
- ★ Preparation of Daily, Monthly and Annual reports of Efficiency Related parameters
- ★ Analysis of tripping and trouble shooting for preventive measures. .

CORE COMPETENCIES

Operation Activities:-

- ❖ Responsible for continuous, safe and efficient operation of Boiler and Turbine DCS.
- ❖ Well versed in Hot Startup, Cold Startup, and warm start up procedures of Boiler and Turbine DCS.
- ❖ Handled major and critical - Operation and maintenance jobs of turbine in a systematic and efficient way.
- ❖ Prepare the punch list against the completion of system with reference diagram.
- ❖ Checking of starting permissive and trip logic of Boiler and Turbine and auxiliaries.
- ❖ Boiler and Turbine protections checking.
- ❖ Making the system ready for vacuum pulling, steam dumping & turbine rolling.

Commissioning Activities :-

- * Turbine Lube Oil flushing
- * MDBFP Oil Flushing
- * CCCW System Flushing
- * Stator Water System
- * Hydro Test
- * 4X150MW Refractory dry out
- * Equipment trial runs
- * Boiler Auxiliaries steam Blowing
- * Condenser Flood Test
- * H2 & CO2 system
- * Interlocks & Protection Checking
- * Pre-Boiler Chemical cleaning

Training undergone during academy:

- ★ Six Months intensive routine On **Job training** on **pulverized Coal Fired boiler of 300MW** thermal power plant in JSW Industrial Complex.
- ★ Six Months intensive routine On **Job training (BFG + Corex)** Gas fired boiler of 130MW thermal power plant in JSW Industrial Complex, Toranagallu, Bellary (Karnataka).
- ★ Trained in **300 MW Thermal Power Plant Operations (SIMULATOR)**.

ACADEMIC QUALIFICATION

Examination Passed	University/Board	College/Institute	Marks (%)	Year of Passing
12th	Board of Intermediate education, AP	Vidya Vikas Junior College	87.6	2005-2007
B.TECH(EEE)	JNTUK	KIET Engineering College	69	2007-2011
PG Diploma in	M.S. RAMAIAH	JSW Energy Centre	72	2012-2013

Thermal power plant	Institute of Technology and Management	of Excellence		
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PERSONAL DATA:

Name K. Venkatesh
 Fathers Name K. Venkata Rao
 Date of birth 29-01-1990
 Pass port K2292712 Valid till 2023
 Marital status Married
 Proficient in Language's English, Telugu & Hindi
 Hobbies Watching News, Playing Cricket
 Permanent Address K. Venatesh, S/O Venkta rao
 Dr no-6-95, Kantipudi street, Dulla
 Kadium mandal, East godavari district-533234
 Andhra pradesh.

Date:

Place:

K. VENKATESH