

Suraj Baburao Shinde
20/1501 Hanuman Nagar

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Galli No-3 Jawahar Nagar
Ichalkaranji-416115

CAREER OBJECTIVE:

As an Engineer to implement my knowledge and skills towards the organizational growth and to provide value added service to the organization.

JOB PROFILE:

Total 9+ Years of experience in power plant, good exposure in Operation and Maintenance of Boiler, Turbine, Fuel Handling, ash handling & DM plant Equipments.

Presently working as “Dy. Manager” at JSW STEEL Ltd,Dolvi, on its 1×175MW, 1*60 and 1*55 MW CPP .

Duration: From 27th August. 2021 to till date

Responsibilities:

- Preparation of Daily Power Generation Report and cumulative report.
- Review the monthly/yearly power generation target and plant performance.
- Planning and implementation of Energy conservation activities.
- Ensuring smooth & efficient operation of the unit.
- Proper maintaining of Environment Emission Standards.
- Monitoring and controlling of Boiler parameters and safety interlocks.
- Proper interactions and commanding with Boiler Field, turbine field, Coal handling plant and Ash handling plant operator for carrying out operations smoothly.
- Emergency Handling & trouble shooting (Tripping, grid failure etc.)
Issuing of work permits to the maintenance departments and ensuring safety in the work environment

Company Profile:

JSW Steel having 1*545 TPH , 1*210 TPH Gas fired boiler having 156 kg/cm² , 555⁰ C, 110 kg/cm² and 520⁰ C temperature and 1*175 MW, 1*60 MW, 1*55MW turbine with Water cooled condenser

1. BOILER:

- Make: Thermax
- Capacity: 1*545TPH
- Operating Pressure: 155 kg / cm²



- Operating Temperature: 555⁰ C

Type of Boiler: Single-drum, Water tube, BFG ,COG fired .

Type of fuel: BFG, COG, NG.

2. TURBINE:

- **Type:** Six bleed cum water Cooled Condenser and Siemens DCS.
- **Make** – Skoda
- **Capacity:** 1*175MW,
- **Inlet Pressure:** 155 kg / cm²
- **Inlet Temperature:** 550⁰ C
- **Rated Speed:** 3000 rpm

Controlling: 505 S WOODWARD Governor

PREVIOUS WORK EXPERIENCE

Finolex Ratnagiri having 2*110 TPH **AFBC** boiler having 88 kg/cm² and 520⁰ C temperature and 1*43 MW turbine with Water cooled condenser

BOILER:

Make: CVL

Capacity: 2*110TPH

Operating Pressure: 88 kg / cm²

Operating Temperature: 520⁰ C

Type of Boiler: Single-drum, Water tube, AFBC .

Type of fuel: Coal.

TURBINE:

Type: Four bleed cum water Cooled Condenser and Yokogawa DCS.

Make – BHEL

Capacity: 1*43MW

Inlet Pressure: 85 kg / cm²

Inlet Temperature: 510⁰ C

Rated Speed: 5000 rpm

Controlling: 505 S WOODWARD Governor

COMPANY PROFILE:

- M/S. J K Cement (C/O. Thermax Power O&M) having 2*110 TPH **AFBC** boiler



having 88 kg/cm² and 520⁰ C temperature and 2*25 turbine with Air cooled condenser

BOILER:

Make: Thermax

Capacity: 2*110TPH

Operating Pressure: 88 kg / cm²

Operating Temperature: 520⁰ C

Type of Boiler: Single-drum, Water tube, AFBC .

Type of fuel: Coal.

TURBINE:

Type: Three bleed cum Air Cooled Condenser and FLSmidth automation

Make – HTC (HANGZHOU STEAM TURBINE CO. LTD)

Capacity: 2*25MW

Inlet Pressure: 86 kg / cm²

Inlet Temperature: 515⁰ C

Rated Speed: 7055 rpm

Controlling: 505 E WOODWARD Governor

- **Shree Renuka Sugars Ltd., Unit-V Havalga** is having 31.5MW Co-gen Plant with a Mill Capacity of 7500TCD 14th June to 15th May 2017.

Boilers:

- 1) Thermodyne make traveling grate type with a Capacity of 140TPH. Working Pressure 87 kg/cm² and 520 ± 5⁰ C temperature.
- 2) **DCS:** Honeywell HC-900R

Turbines:

- 1) SNM make Condensing cum double extraction type turbine with a capacity of 25.5MW.

Type of fuel: Bagasse, Coal.

UNIT-2:

Renuka Power Plant Having Capacity, 1 x 15 MW Co generation , Including Training From 1st Oct 2013 to 1st Oct 2014 and As a Assistant Engineer From 1st Oct.2014 to 14th June 2015. Specifications of Turbine and boilers given below:

TURBINE:

- Type: Single Extraction cum Back pressure Turbine.



- Make :Triveni Engineering
- Capacity: 15MW
- Inlet Pressure: 45 kg / cm²
- Inlet Temperature: 490⁰ C
- Rated Speed: 7050 rpm
- Controlling: 505 E WOODWARD Governor

BOILER:

- Make: S.S Engineering
- Capacity: 55*2 TPH
- Operating Pressure: 45 kg / cm²
- Operating Temperature: 490⁰ C
- Heating surface: 2304 m².

Type of Boiler: Bi-drum, Water tube, Pulsating grate, stoker fired,

Type of fuel: Bagasse,

ACADEMIC CREDENTIALS:

Course:- B.E Mechanical (YEAR 2012-2013) having 70.04%.

Institute:-Sharad Institute of Technology College of Engineering, Yadrav.

Computer Knowledge :

- Knowledge Of SAP.
- M.S.Office, Excel,

Additional Qualification :

- **Boiler Operation Engineer:** Certified "BOE Proficiency" From State Govt. of Maharashtra in Feb-2017 (Certificate No.: 0670).
- **Certified Energy Auditor.** (10230/20)

Safety Activities:

- I Have been worked in culture of **OHSAS 18001:2007**,
- I Have knowledge of **5'S** System, Safety Permits, TBT and safe procedures.
- Effectively Participate in Safety activities, Events Held by Safety Department.



PERSONAL DETAILS:

Name : Suraj Baburao Shinde

D. O. B. : 11th August 1991

Nationality : Indian

Permanent Address : 20/1501, Hanuman Nagar,
Lain no-3, Jawahar Nagar,
Ichalkranji-416115,
Dist.: Kolhapur, Tal. Hatkangale, Maharashtra

DECLARATION:

I hereby declare that the information given above is true and to the best of my knowledge and belief.

Date:

Place:

(Suraj B. Shinde)

