

RESUME

Boiler DCS operations engineer

Mr. Shivaji Mirashi,

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Objective:

To work in a challenging environment and gain knowledge, while contributing to the organizational growth and well-being and development of the society.

Skill Sets / Competencies possessed:

- Erection & Commissioning
- Power plant Equipment's
- Knowledge of industrial automation controls- Honeywell, Cotmac, IJT Forbes Marshall & ABB.
- Multi fuel (coal with spent wash & Bagas) water tubes boiler operation.
- DCS operation of Oil & Gas fire, AFBC, CFBC, bagasse travelling grate boiler.
- 1MW & 500KW single stage steam turbine & Gear box maintenance.
- Corrective Maintenance
- Preventive Maintenance
- Breakdown Maintenance.
- Preventive & Breakdown time work tasks & out-put control.
- Solar modules Mfg.
- Wind turbines Mfg. (stator winding & rotor assembly)
- Wind turbines Assembly: Nozzle. Control panel,
- Wind turbines site maintenance O&M

PRESENTLY WORKING:

Thermax Ltd, Pune Maharashtra, India.

As a Position of Control Room DCS Engineer in (P&ES PES_OMUT_OP Execution) At Lokmangal Sugar Ethanol & Co-generations industries Ltd, Solapur, Maharashtra, India (Site)

Boiler Capacity is 135TPH/109kgcm² Thermax's & Turbine is 12MW BHEL makes.

In industrial controls or factory automation is ABB operations process control system.

Duration: From 20th November 2023 to still date.

TECHNICAL ROLES & RESPONSIBILITIES:

Ensuring smooth operation 140,135,120,113, 45 & 15TPH Boilers,

Responsible for safe Startup and Shutdown.

Have knowledge of hot & cold startup.

Ability to take quick action during emergencies.

Make periodic inspections to see that all equipment and controls are operating properly and are in good condition.

Maintain consumption and production records.

Maintain of Fans (ID, FD, SA) blowers, coal feeders, control valves, Motorized and Inching valve (Main steam stop valve) and other drives to run the plant. - Preventive maintenance as well as breakdown maintenance, which are required for plant maintenance. Planning for shutdown work in annual maintenance. Performing the shutdown work and make plant better through Modifications.

Conducted regular observation on boilers and auxiliary units to identify any inconsistencies.

Monitoring & maintenance of all critical components Planning of job schedule for boiler equipment's like fans, blowers, root blowers etc.

Servicing and Maintenance of 1MW & 500KW single stage steam turbines & Gear boxes.

Servicing and Maintenance of Centrifugal Pumps, Spiess valves and soot blowers.

Knowledge about attending of Pressure part tube leakages.

Safety valves setting & floating of boiler drum and main steam line.

To check the behaviors of the various equipment's with optimum operation parameters and its reliable suitability to put into regular service.

To co-ordination and follow up with maintenance department on status of day-to-day routine maintenance, executing preventive and break down maintenance completion.

Managing the functions analytical, troubleshooting and preventive breakdown maintenance of various equipment's.

- Carry out all kinds of preventive maintenance activities during running season & off-seasonal periods.
- Planning & executing shut-down activities including all Pumps, Valves, Screw Compressors, Rotary air lock, Cooling towers, Blowers, Fans, Coal crusher, Vibro- screen.
- Maintain critical spares for machineries & procurement initiation of the same at required periods.
- Erection & Commissioning of 10tph of Coal handling system with 600mm width belt conveyers. 10tph Capacity of Bucket elevator & 500mm width belt conveyers' system. Dust Collector System in coal handling system. Air Pre-Heater in PA Fan in 15tph boiler. Ash handling system. K-ash Power production. 5tph of Ash mixture machine.
- Maintaining Boiler operation parameter reports for day wise to ensure the smooth operation & to identify the problems in operation.
- Ensuring the smooth operation of Evaporation plant to produce Concentrate Spent Wash for boiler fuel.
- Man-power handling – assigning tasks & extracting output from technicians.
- Coordinating with other dept. engineers in execution of new plans & modifications.
- Csw spent wash coal combustion fire ring-based furnace boiler.

- Managing all operations of Steam Power Generation.
- Fuel Feeding with Proper combustion.
- Distribution of Steam for process and Co-Generation.
- Monitoring Boiler and Its Auxiliaries, for efficient running of the plant.
- Making Sure of 'Safe' and 'Efficient' running of the plant.
- Knowledge of a material handling & man management.

KEY OF SKILLS:

- Knowledge of ISO, EHS, EMS, OHSAS, 5S.
- SAP works inventory of Materials.
- Knowledge of a WTG (O & M) at site service dept.
- Knowledge of an EB licensing & documents Preparation work.
- Knowledge of a WTG tower manufacturing
- Knowledge of a WTG tower plant machinery equipment's maintenance.
- 1MW & 500KW single stage steam turbine & Gear box maintenance.
- Different kinds of Generators coil Assembly (stator winding& rotor assembly).
- Different kinds of Cranes operating (EOT crane, Semi goliath Crane, Jib Crane).
- PLC Scads controller VPI & OVEN, PAINTBOOTH Process operating.
- Different kind of WTG NECALLE Assembly (control panel, generator, Gearbox, Hub, etc.)
- Knowledge of an Induction brazing Process operating.

EXPERIENCE:

1. **TATA BP SOLAR INDIA LIMITED, BANGALORE,**
Solar models mfg.
Since: 10-07-2003 to 08-08-2005 - 2 Years.
2. **ENERCON INDIA LIMITED, DAMAN – 396 210,**
Wind Turbine Generator Mfg. An ISO 9001-2001 Certified.
Since: 20-08-2005 to 13-02-2008 - 2 Years & 6 Months.
3. **REGEN POWERTECH PRIVATE LIMITED,**
Andhra Pradesh – 524 121.
Designation: Junior Engineer (Stator Production dept).
Wind Turbine Generator Mfg. An ISO 9001-2001 Certified.
Since: 18-02-2008 to 23-08-2010 - 2 Year & 6 Months.

4. **GLOBAL WIND INFRASTRUCTURE & SERVICES Pvt Ltd. (GWPL).**
 Silvassa Dadara & Nagar Haveli-396230.
Reliance Capital (Unit of Reliance ADA Group).

It's First in India of Different kinds Wind Turbine MFG & TOWER MFG.
 ISO-9001-2008, EMS 14001- 2004& OHSAS 18001-2007Certified.

Designation: Production Engineer (2, MW Generator Mfg. Dept)
 Since: 28-08-2010 to 15-06-2015 - 4 Year & 10 Months.

5. **E.I.D PARRYS INDIA Ltd- Haliyal, Karnataka- 581329.**
**7500 TCD Sugar Plant with 31.4MW Co-Gen power plant & 65KLPD Distillery/
 Ethanol plant with 750KW turbine.**

Designation : Executive engineer/Shift Engineer

**Department : Distillery boiler, 15TPH, 25kg/cm², 230°C AFBC type. &
 (Co-gen DCS engineer at 45TPH & 120TPH traveling grate boiler).**

**In industrial controls or factory automation is
 (Honeywell & Cotmac operations process control system).**

Duration : From 1st Dec 2015 to 23.10.2019.

6. **Kenana sugar company ltd, Sudan (North Africa).**

**25000 TCD, Sugar plant with 84MW Co-Gen power plant & 60KLPD Ethanol
 plant.**

**In industrial controls or factory automation is (IJT Forbes Marshall operations control
 process system.**

Designation : Boiler DCS operations Engineer

Department : Co-generation Boiler 140TPH & 113TPH, 34kg/cm², 370°C

Duration : From 31st October 2019 to 30th June 2023 (Indian peoples evacuated through
 operation Kauveri. Because of the “war” conflict is going on in-between Sudan country National army &
 RSF).

EDUCATIONAL QUALIFICATION:

Qualification	Percentage (%)	Year of passing	Institution	Board/university
SSLC	76%	1999	Govt High School Haliyal	KSEEB
I T I	74 %	2001	Govt I T I. Haliyal	NCVT
DEE	66 %	2011	MSU institute Gujarat	MSU University

Academic Activities:

- Served as Member in NSS.
- Served as 5's team leader in plant

COMPUTER PROFICIENCIES:

- Project execution thro MS Project. MS-Office (Word & Excel, Power point).
- Development and implement of SOP, Checklist and PM programs.

BIO-DATA

Name : ***Shivaji Mirashi***

Father's Name : Maruti K. Mirashi.
Date of Birth : 1st April, 1983.
Sex : Male.
Nationality : Indian.
Marital Status : Married
Languages Known : English, Kannada, Hindi, Gujarati Marathi,
Tamil, Telugu, Konkani. African Arabic (Sudanese).

Hobbies : Chess, Cricket, Reading Books,
Total Experience : 16, Years.

Passport No : **Z7364711.**

Declaration

I hereby declare that all my particulars given above true and Correct the best of my knowledge.

Place:

Date:

Shivaji Mirashi.

