

Curriculum vitae

BRIJESH MALL

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CAREER OBJECTIVE

“Seeking a challenging carrier in the field of Engineering, **Erection & commissioning Operation & Maintenance** where my combined experience Are fully utilize in the organization that offers a Professional growth while Being resourceful and innovative”.

FIELD OF EXPERIENCE

- 1)Power plant
- 2) Paper industry
- 3) Piping Engineering
- 4) Fabrication Engineering
- 5) New Project Engineering

WORK EXPERIENCE: 5 years

- ❖ **Currently working as a Shift Incharge in THERMAX LIMITED for Captive power plant of J.K lakshmi cement group (1st march 2021 to till present).**
Plant Capacity: 3*18MW,
AFBC boiler With Coal and Ash handling plant.
Boiler Make & Capacity: Thermax ltd.3 × 80 TPH
Turbine Make &Capacity: Shin Nippon machinery ltd.3× 18 MW
- ❖ **Worked as Shift/Engineer in AL-MASIRAH INDUSTRIAL INVESTMENT CORPORATION, SAUDIA ARABIA from Integral Development Engineers Pvt. Ltd. (Feb2019 – 5th January).**
Designation &Responsibilities: Shift Engineer/Shift Incharge
- ❖ As an Engineer I executed successfully project with full Erection& commissioning and Operation of Boiler, Turbine and A.C.C at here then after I was handling Operation of running plant.
- ❖ Skilled in Desk operation of Boiler, Turbine and A.C.C
- ❖ Preparation for Startup, light up and Healthy operation of Turbine, boiler and A.C.C as per SOPs.
- ❖ Smooth start-up and shut down of Boiler, Turbine and A.C.C as per requirements.
- ❖ Prepared daily shift reports and verifying all parameters from log sheet.

- ❖ Monitoring all the critical parameters for the smoothness of plant.
- ❖ Taking quick and proper decisions during plant emergencies in shift.
- ❖ Ensure efficient & safe working of all mechanical equipments during shift.
- ❖ Trouble shooting all Equipments under protocols for healthy operation.
- ❖ Always doing patrolling during shift in plant.
- ❖ During shutdown checked all critical and non critical parts and equipments of plants.
- ❖ **Plant details:**
 - Boiler make:** ISGEC Heavy Engineering Ltd.
 - Boiler type:** GAS & DISEAL Fire, Water-tube boiler
 - Boiler Capacity:** 2 × 52 TPH
 - Turbine Capacity:** 2× 8.5MW
 - Turbine make:** Triveni Turbine Ltd.
 - ACC make:** Greenesol Power System PVT.LTD.
 - ACC Capacity:** 2×45 TPH
- ❖ Worked as a Boiler Engineer for a project Africaine paper ltd from Integral Development Engineers Pvt. Ltd. (May 2018- Oct 2018).
 - Organization: Africaine Paper Mills (Tissue paper, NORTH AFRICA – ALGERIA)
 - Boiler make: Mingazzini Parma Ltd. (ITALY)
 - Boiler type: Diesel Fire, Fire-tube boiler
 - Capacity: 06 TPH
 - Status: Completed full Installation of Boiler, APH, Softener, Brine tank, deaerator Tank, Blow down tank with all internal connection and Chimney.
- ❖ Worked as Site In-charge at Omega Boiler Pvt.Ltd. (May2016-march2018). I executed successfully 5 projects up to 25 TPH with their full erection and commissioning.

PROFESSIONAL SNAPSHOT

- An astute professional with 5 years' experience in Erection and commissioning, Expansion & Operation of Boiler, Turbine, and Air-cooled condenser system in Thermal Power Plants.
- Skilled at managing erection & commissioning activities involving resource planning, in process inspection and co-ordination with internal / external departments.
- Capable of setting priorities, developing a work schedule, monitoring progress towards goals and tracking details, data, information activities.
- Good knowledge and experience in breakdown, preventive & predictive maintenance of the boiler and its auxiliaries.
- Responsible for all erection, operation and maintenance of pressure and non-pressure parts, Bag –Filter, ESP, Chimney, & rotating equipment such as ID, FD, PA fans and full alignment and commissioning of vertical and horizontal centrifugal pumps.
- Responsible for Operating and controlling the technical equipment of the Plant.
- Communicator role in Emergencies.
- Responsible for plant smooth operations, Control room operations & taking planned start up and shutdown procedures per SOP's.
- Following up mechanical and electrical isolations & ensuring safety during shut down.
- Planning and effecting preventive maintenance schedules of various measures during activities Equipments and instruments to increase machine up time and equipment reliability.

- Good knowledge of turbine Box-up and alignment and able to handle all the pre-commissioning and commissioning work of turbine individual without any deviation.
- Able to read the drawings of mechanical and Isometric of pipeline, parallelism of pipe flanges, and steam blowing.
- Day to day maintenance of paper machine, pulper house, pulp mills, scheduling for predictive maintenance, shut down maintenance, lubrication scheduling, material management with inventory control, routine checkup of total plant, and spare part arrangement in advance with modification in machinery in trouble area

COMPUTER SKILLS

AutoCAD 2016

MS Office

ACADEMIC PROFILE

- B.E Mechanical from Gujarat technological university in 2016 with 65 CGPA.
- H.S.C from Swaminarayan Gurukul Gandhinagar in 2012 with 52%.
- S.S.C from Caravan English medium in 2010 with 63%.

PERSONAL DOSSIER

DOB: 30/11/1992

Gender: Male

Marital status: Single

Nationality: Indian

Languages Known: English, Hindi, and Gujarati.

DECLARATION

I hereby declare all the details furnished here are true to best of my knowledge.

Brijesh Kumar Mall

B.E (mech.)