

Yasir Shahid

BSc. Mechanical Engineer

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Objective:

To work in a highly Professional environment, where I can utilize my educational qualification and Professional skills to the best of my abilities for attaining personal growth in line with organizational objectives.

Professional Career Interests:

- ☐ Power Plants, Petrochemical and Fertilizer Industries.
- ☐ Oil & Gas Exploration, Production and Processing Industries.
- ☐ Production & Manufacturing Industries.
- ☐ Automotive Industries.

IPP 27MW JDW-II.

Nov, 2022 To to-date Key Function:

- ☐ Team Leader operation at 27MW cogeneration IPP, Saidabad.
- ☐ Solid Fuel, bagasse fired boiler 140 TPH, 66 bar and 490 °c high Pressure Boiler manufactured by DESCON Pakistan.
- ☐ 27 MW HTC steam turbine manufactured by Hangzhou, China.



Turbine MOH (Major overhauling) Experience

- ☐ Contract/proposal finalization with Contractors.
- ☐ Execution of MOH activities (arrangement of OEM recommended parts/tools etc.)
- ☐ Coordination with HTC representative TA's regarding MOH
- ☐ Coordination with external vendors regarding NDT (MPI,UFD and DPT Test)
- ☐ Coordination regarding findings during major inspections (Turbine rotor, gearbox, diaphragms etc.)
- ☐ Coordination regarding Rotor balancing from WAPDA Faisalabad workshop.
- ☐ Coordination regarding 01 no HP carrier diaphragm repairing from WAPDA Faisalabad workshop.
- ☐ Method statement preparation regarding Nozzle Block L- ring replacement.
- ☐ Performed all operation testing's after MOH (Mechanical over speed, Electrical over speed, Load rejection test, Full load test).

Job Responsibilities:

- ☐ leads the Operations staff and manages all aspects of operations of a power plant to ensure safe, environmentally compliant and efficient operations of the plant
- ☐ Responsible for all plant equipment and fuel handling operations.
- ☐ Responsible for implementation of power plant preventive, emergency maintenance and operational procedures.
- ☐ Manage and coordinate operations during normal and any abnormal operational situation/trouble shooting.
- ☐ Coordinate operation staff for process steam supply, Export load management.

- Ensure personnel safety and equipment safety implementation at plant.
- Ensure Work permit/Loto System Implementation.
- Manage Correspondence with NPCC.
- Manage and prepare all operation/generation reports.
- Coordination with maintenance and Electrical team.



IPP 27MW JDW-II.

Sep, 2018 To to-date Key Function:

- Working as a Shift Engineer in operation department at 27MW cogeneration IPP, Sadiqabad.
- Solid Fuel, bagasse fired boiler 140 TPH, 66 bar and 490 °c high Pressure Boiler manufactured by DESCON Pakistan.
- 27 MW HTC steam turbine manufactured by Hangzhou, China.

Job Responsibilities:

- Complex startup, smooth operation, emergency handling & troubleshooting and safe shutdown as per SOP.
- To communicate with NPCC & RCC (WAPDA) during startup, shutdown and in case of trip as per Energy Purchase Agreement (EPA).
- Preparation of daily, monthly and yearly generation reports.
- Prepare equipment for maintenance & normalize equipment taking all safety precautions.
- Inspection of all the important parameters of Boilers, Steam Turbine and auxiliaries.
- Required data base for operation and analyze to solve any abnormality arises.
- Management of permit to work system, Lockout/Tagout, Mechanical & Electrical isolation and Coordination with maintenance department..
- Group discussion for the common mistakes

Bullehshah packaging Pvt. Ltd.

July, 2017 To Sep, 2018 Key Functions:

- Working as a Shift Engineer in operation department at Bulleh Shah Packaging (Pvt.) Limited, a joint venture of Stora Enso co-generation power plant site.
- Biomass 150 TPH, 100 bar and 525 °c high Pressure Boiler manufactured by RUNH Power China. With 41 MW steam turbine manufactured by Siemens Germany.
- HFO ,Gas Based 200 TPH, 100 bar and 525 °c high pressure boiler manufactured by Descon.
- Also responsible for operation of 65TPH Boiler (13 bar 198C°) and 9 TPH (13 bar 198C°) Fire Tube Boiler.



OMS (Bullehshah packaging Pvt. Ltd.)

DEC, 2015 to-July, 2017 Key Functions:

- Working as a SHIFT ENGINEER in operation department at Bulleh Shah Packaging (Pvt.) Limited, a joint venture of Stora Ensoco-generation power plant site.
- Biomass 150 TPH, 100 bar and 525 °c high Pressure Boiler manufactured by RUNH Power China .41 MW steam turbine manufactured by Siemens Germany.
- HFO ,Gas Based 200 TPH, 100 bar and 525 °c high pressure boiler manufactured by Descon.



- Also responsible for operation of 65TPH Boiler (13 bar 198C°) and 9 TPH (13 bar 198C°) > Fire Tube Boiler.

Job Responsibilities:

- Smooth Operation, of the 41 MW, 200 TPH, 150 TPH Boiler (100 bar and 525c°) HFO & GAS and Biomass fuel plant
- Operate in safely all equipment of the Plant such as Valves, Pumps, Motors, Separator, Compressors and Boilers as assigned by Superior. Monitor and control all running equipment parameters following prudent operating practice.
- Record all running parameters of the equipment in log sheet. Perform all running maintenance such as cooling water, chemicals, emptying sludge tanks, transferring oil, etc.
- Prepare equipment for maintenance & normalize equipment taking all safety precautions □
Preparing daily consumption report of fuel, power and lube oil.
- Record all the important parameters of Boilers, Steam Turbine and auxiliaries.
- Supervision of operation & maintenance of LT, HT, Load distribution System & Energy consumption System.

Nishat Chunian Power Ltd.

March, 2015 to Dec, 2015. Key Function:

- Nishat Assistant Shift Engineer in NISHAT CHUNIAN POWER Ltd 200MW
Combined Chunian Power Ltd Cycle Power Plant With 14MW Condensing Turbine.



Job Responsibilities:

- Complex startup, smooth operation, emergency handling & troubleshooting and safe shutdown as per SOP.
- To communicate with NPCC & RCC (WAPDA) during startup, shutdown and in case of trip as per Power Purchase Agreement (PPA).
- Preparation of daily, monthly and yearly generation reports.
- Prepare equipment for maintenance & normalize equipment taking all safety precautions.
- Inspection of all the important parameters of Boilers, Steam Turbine and auxiliaries.
- Management of permit to work system, Lockout/Tag out, Mechanical & Electrical isolation and Coordination with maintenance department.
- Maintain and update log sheets, plant data, parameters trending data, load distribution and monthly Plant performance reports.

Fatima Group of Industries.

Fatima Sugar Mills Pvt. Ltd. November 2013 to Feb-
2015 Key Function:



- Working as a SHIFT ENGINEER in operation department at Fatima sugar mills (Pvt.) Limited cogeneration power plant site.
- Bagasse based power plant of capacity 23 MW steam turbine manufactured by Peter Brothers and Siemens Germany and 3 x 60 TPH, 25 bar and 350 °c medium pressure boiler manufactured by

HMC Taxila, 30 TPH, 25 bar and 350 °c medium pressure boiler manufactured by Babcock and Wilcox .

Job Responsibilities:

- To control and supervise shift activities..
- To control the parameters of Bagasse boiler safe operation and steam Turbine.
- Smooth operation of 23 MW and 60 * 4 TPH Boilers.
- Make the plan and trainings of staff employee.
- Responsible and planning of the good crushing and best quality of sugar.
- Plan the Training of the staff on different topics and weekly safety talks.
- Plant Operation, Troubleshooting& Control.

Educational Qualification:

- BSc. Mechanical Engineering 1st Division (3.722
CGPA) University of Engineering & Technology
Lahore, Pakistan
- F.sc Pre-Engg 1st Division(85%)
Punjab college Rahim Yar khan, Pakistan
- Matric with Science 1st Division (88%) Govt. Colony High school Liaquat Pur
Pakistan

Software Skills:

- Computer: Proficient in windows (2000, XP, Vista), MS Office (Word, Excel, Power Point) and Internet.

Awards and Certificates:

- Award of 1st position in matric from Govt. Colony High school Liaquat Pur
- Award of 2nd position in Punjab college Rahim Yar Khan
- Award of 100% scholarship in Punjab College
- Award of Punjab Merit scholarship during BSc Engineering
- Certificate of honor Degree From UET Lahore for high CGPA 3.722
- Award of 6000 rupees due to 1st position in 7th semester
- Award of 1st position in basic firefighting course-16 at Bullet shah packaging Pvt.LTd.

Personality Profile:

- Effective communicator in Urdu and English.
- Punctual, motivated, hardworking and committed.