**Muhammad Amjad**

**Boiler Engineer (3rd Class)**

**Associate engineer (Mechanical)**

**Email amjad1295@yahoo.com**

**Cell# 0343-4101295**

***OBJECTIVE***

To apply professional and academic knowledge for development of the organization along with career advancement in the field of mechanical technology and to seek a challenging career oriented position in the ever changing world of technology.

***EXPERIENCES HEAD LINES…***

I have 5years+ of total working experience of various type Boilers (High pressure Low Pressure) axillaries, waste heat boilers and steam turbines and with **PLC** and **DCS** controls.

**Operation and Maintenance Experience of Combustion System as under,**

* Fluidizing Bed Combustion system.
* Step Grate Combustions system.
* Dumping Grate Combustion system.
* Chain Grate Combustion system.
* Rotary and gun type burners.

**Operation and Maintenance Experience of Utilities as Under**

* Reverse Osmosis Plant, Compressors, Cooling Towers, Absorption Chillers.

**Operational Experience of Fuels as under,**

(Coal ,Corn Cobe ,Rise Husk ,Baggas ,Hfo ,Gas)

***FIELD EXPERIENCES***

**Organization: Nishat Power Plant, Lahore**

Organization Type: CHP Power Plant

Designation: 3rd Class Boiler Engineer (Boiler and Turbine)

Tenure: **June 2010 To April 2015**

Area(s) of Experience: Solid Fuel Boiler, Live fuel Boiler, WHR Boiler

. Maintenance & Operations.

Brief Jobs Descriptions: **Responsible for Operation of**

**Following Equipments**

* 65TPH Boiler (Coal Fire on 70 Bar 490C)
* Boiler related Auxiliaries
* Steam Turbine Reaction & Condensing type have capacity of 06 & 01 MW
* Turbine related Auxiliaries System
* Cooling water treatment system.
* Instrument air system.
* Fire fighting system.
* Different type of pumps and valves.
* Performing isolations / de-isolations of plant & applying necessary LOTO to achieve safety from the system.
* Responsible to Operate Plant within defined Operating Parameters to ensure the safe & efficient Plant Operation.
* Perform safe Plant Start-up and Shut down Procedure.
* Machinery Troubleshooting, and Monitoring.

**Organization: Descon Engineering Ltd, Lahore**

Organization Type: Power Plant

Designation: Commissioning Supervisor

Tenure: **May-2015 to till to date**

Area(s) of Experience: Steam Boiler, Thermo Oil Boiler ,RO Plant

Brief Jobs Descriptions: **Responsible for Operation of**

**Following Equipments**

**Steam boilers**

30 TPH (Nos 2) Fire And Water tube hayride boiler coal and Biomass fired with PLC control (Step Grate by Geta bec Germen Thai company).(16 Bar)

25 TPH fire tube boiler Hfo/Gas fired (Loose International Uk). (12 Bar)

15 TPH(Nos 2) fire tube Hfo/Gas Fired (DDFC Pakistan). (12 Bar)

2 TPH (Nos 2) waste heat recovery boiler (DDFC Pakistan) (12 Bar)

**Reverse Osmosis Plant**

60 Ton (Nos2) Reverse osmosis plant 120 ton.

* Performing isolations / de-isolations of plant & applying necessary LOTO to achieve safety from the system.
* Responsible to Operate Plant within defined Operating Parameters to ensure the safe & efficient Plant Operation.
* Perform safe Plant Start-up and Shut down Procedure.
* Machinery Troubleshooting, and Monitoring.

***ACADEMIC PROFILE***

**2013 Certificate of Competence**

“THIRD CLASS BOILER ENGINEER”

Board of Examining Engineer, Punjab

**2011-12 Bachelor in Mechanical Technology**

Preston University, Lahore

**2007-10 D.A.E (MECHANICAL)**

Govt.College of Technology, Railway Road, Lahore

**2007 MATRIC (SCIENCE)**

B.I.S.E, Lahore

***TECHNICAL EXPERTIES***

* Having credible technical skills about.
* High Pressure Boiler
* Steam Turbine and their Auxiliaries Operation according to defined Standard parameters for safe and efficient Operation..
* Machinery troubleshooting, Maintenance and Monitoring.
* Water treatment and Waste water treatment system..
* Water treatment plant.( RO and Water softening Units).

***ABILITIES***

* Energetic, Punctual & dedicated towards work..
* Technical Skills.
* Computer Skill
* Team player & good communication skill
* Goal oriented & highly motivated
* ***PERSONAL DATA***
* Father Name Amanat Ali
* Date of Birth 08-03-1992
* C.N.I.C # 35202-8080786-3
* Gender Male
* Domicile Kasur (Punjab)