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**Waqas Anwar**

**Position applied for**  **Production Field Operator**

**Email Id :** [**engronion@gmail.com**](mailto:engronion@gmail.com)

**Mobile Number/Skype** +923336198566

**Passport Number** KJ1801722 **( Expiry 20 June 2022 )**

**Current Location** Pakistan

**D.O.B** 10 April 1989

**Career Objective**

**You are what you think and believe.**

Commitment to achieving the highest level of safety performance stands and I plan to have a Career that will involve a challenge in my job with vast opportunities for career development purely based upon achievements and results.

**Employment History**

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| --- | --- | --- | --- | --- |
|  | **Employer** | **Industry Type** | **Designation** | **Exp.** |
| **01** | Eni exploration & Production | Oil & Gas field | Production Field Operator | 7 years |
| **02** | Fauji Fertilizers Company Limited | Fertilizers | Process Plant Operator | 1.5 year |
| **03** | Engro Fertilizers Limited | Fertilizers | Process Plant Operator | 2 Years |

**Experience Summary**

I have **10+ Years Wellhead Compression and Plant Operations experience** as Process Plant Operator in Onshore Oil & Gas and Fertilizers.

**Certification**

* PTW Certified
* Fire Fighting certified
* Confined Space Entry
* Authorized Gas Tester
* Chemical Handling
* First Aid

**Commissioning Experience**

* **Natural Gas Compression Facility** having 10 Natural gas Compressors commissioning and Start up experience with Eni Exploration and Production Pakistan.
* **Engro fertilizer** Pre-commissioning & commissioning of Enven 1.3 Project.

**Process Area (Eni Pakistan)**

* Wellheads & Compression units Operation
* Two and Three Phase Separation unit
* Produce water Treatment & Re-injection unit
* Natural Gas Compression & Fuel Gas Conditioning unit

**Wellhead Operation (Eni Pakistan)**

* Wellhead (X-mass Tree) Operation with Startup, Shut down and Trouble shooting
* Wellhead Slick line and Wireline jobs
* Wellhead chemicals injection
* Wellhead works assistance and chokes & hydraulic valves operation
* Wellhead water column offloading
* Gas, oil, water, solutions sampling for lab tests
* Gas Compressors PD (**Ariel**, **Superior**) and Engines (**CAT**, **Superior**)
* Gas compression for sales and injection
* Wellhead Booster Compressor Operation
* Separators & Slug Catcher operations
* Proficient with P & IDs and PFD, Cause & Effect and Fire detection system.
* Power Generation by GE Jenbacher Gas engines
* EDG (Emergency Diesel Generator)
* Fire & Gas System

Pig Launcher and Receiver Operation (eni)

* Operation of Cleaning of Pipe lines or

removal of Dust/Rust via Launching of Pig

Well Testing (eni)

* Operation of Wellhead Testing.
* Two/Three Phase Separation Units.

Control Room Operations (eni)

* Startup, shutdown & emergency handling of unit
* Fire & gas detection system (F&G)
* Emergency Shutdown system
* Safety critical security override system

**INLET SEPERATION & FEED GAS HEATING UNIT**

* Receives the raw fluid streams from wells and separate liquid and gas, Unit is designed by Snamprogetti and consists of:
* Slug Catchers/Separator, 3-Phase separator producing gas, Liquid Hydrocarbons and Produced Water
* Feed Gas Heater, heat the gas stream from slug catcher

**AMINE SWEETENING UNIT**

* Removes acid gases (CO2) from natural gas by using DEA as an absorbent, Unit is designed by Snamprogetti and consists of:
* Filter Coalescer, to remove liquid hydrocarbons and solid from gas
* Amine Contactor, to absorb acid gas having valve trays
* Amine K.O Drum, to knock out the liquid from gas
* Rich Amine Flash vassal, to remove physically absorbed gases from solution
* Amine Regenerator, to regenerate Amine solution
* Regenerator Re-Boiler, to provide heat input to Regenerator
* Regenerator Condensers, to recover and condense the water and amine from regenerator top stream
* Regenerator Reflux Drum, to provide reflux to Regenerator
* Amine pumps, to circulate the amine solution
* Lean Amine Coolers, to cool amine solution
* Amine Filters, to remove impurities from solution
* Amine Storage tank, to store amine

Compression Unit (FFC/Engro Fertilizers)

* **Air Compressor**
* Capacity =40000 nmc/hr.
* Discharge Pressure=40 kg/cm2
* Prime Mover = Steam Turbine (8.425 MW)
* **Synthesis Gas Compressor**
* Capacity =535000 nmc/hr.
* Discharge Pressure=150 kg/cm2
* Prime Mover = Steam Turbine (13.98 MW)
* **Ammonia Gas Compressor**
* Capacity =42000 nmc/hr.
* Discharge Pressure=17 kg/cm2
* Prime Mover = Steam Turbine (3.3 MW)
* **CO2 Gas Compressor**
* Capacity =64000nmc/hr. Discharge Pressure=160kg/cm2
* Prime Mover = Steam Turbine (15.59 MW)

**Pre-commissioning & commissioning of Enven 1.3 Project (Engro fertilizer).**

* Commissioning activities like Steam blowing, air blowing, lube oil flushing ,leak test, hydro test, process testing of following circuits.
* Steam and condensate circuits and other utilities circuits of Urea plant.
* Steam Turbine and Centrifugal compressor.

**Process Safety**

* ESD level 1,2 & 3 Process
* Fire & Gas detection system and Fusible Plug system

**Main Responsibilities**

* Communicate and follow instructions of the Shift Controller efficiently and safely.
* Check process parameters and coordinate with the Senior to correct Deviation
* Carryout routine checks on equipment for any abnormalities.
* Sign work permits, follow on-going jobs and monitor Contractors activities.
* Follow and Responsible for LOTO, TBT, JHA, JSA.
* Follow all relevant departmental policies
* Log data in sheet and check List and monitor plant status.
* Responsible for smooth Operation and troubleshooting
* Prepare equipment/Plant for any maintenance.

**Health, Safety and Environment**

* Uses of firefighting equipment.
* I have the experience of using all kinds of safety equipment.
* Energy Isolation: Process / Mechanical / Electrical isolations (eni/Engro)
* PSSR Pre-Startup Safety Review (Engro)
* STOP Audits (eni)
* Safety Critical System (Engro).
* LOTOTO Lock Out, Tag Out & Try Procedures (eni/Engro)
* Communication skill (eni/Engro)

**Skill Improvement Programs**

* PD compressors and Pumps
* Centrifugal Compressors and Pumps
* Steam Turbine
* Gas and Diesel Engines
* Heat Exchangers and Valves

**Education**

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| --- | --- | --- | --- |
| **Degree** | **Passing Year** | **Board/University** | **Grade** |
| Graduation | 2009 | I.U.B Bahawalpur | “C” |
| Intermediate | 2007 | BISE Bahawalpur | “C” |
| Matriculation Science | 2005 | BISE Bahawalpur | “C” |

**Personal**

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| --- | --- | --- | --- |
| **Father’s Name** | Muhammad Anwar | **Date of birth** | 10-April-1989 |
| **N.I.C Number** | 32404-7344172-1 | **Marital Status** | Married |
| **Nationality** | Pakistani | **Religion** | Islam |

**Permanent Address**

* Usairam Traders Railway road Sadiqabad, District Rahim yar khan, Pakistan