

MUHAMMAD WAQAS

SENIOR PROCESS & COMMISSIONING OPERATOR

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Religion: Islam | **Passport Number:** BL6316251 | **Marital Status:** Married | **DOB:** 10-03-1993

An experienced chemical and area operator having total of **7 years** of experience in an oil and gas, polymer, and pharmaceutical industry. During this time, I have gained immense experience of working on oil & gas equipment, identifying malfunctions, maintaining process by following job orders, handling emergencies such as power loss, instrument air loss, fire, and potential hazards and management.

PROFESSIONAL EXPERIENCE

NATIONAL REFINERY LIMITED, PAKISTAN

2016-Present

→ **SENIOR FIELD OPERATOR & COMMISSIONING OPERATOR**

HYDROGEN PRODUCTION UNIT

As a senior field operator my current duties and responsibilities include:-

- Operating the plant smooth and safely ensuring strict compliance with safety procedures, work permit procedures and standard operating procedures.
- Record and report of field parameters to the Shift Engineer and Unit Engineer.
- Maintain the systems necessary to ensure compositions of Feed and Product.
- Monitor and improve the efficiency and output of the product.
- Provide technical advice on plant operations and improvements.
- Hand over and take back of equipment from maintenance as and when required.
- Coordinate the start-up, shut-down (normal and emergency) and normal operations with lead operator and field operator. Follow up normal start-up and shut-down procedures.
- Responsible for preparation such as plant isolation for day to day maintenance work.
- Keep required quality of product.
- Proficient skills of plant system operations.
- Process supervision and commissioning skills in the field including troubleshooting.
- Read and understand process drawings, P&IDs, Datasheets and MSDs.
- Inform to Down-stream Units in case of troubleshooting.
- Carry out safety observation for routine maintenance and operation activities to promote safety culture.
- Change over all rotating equipment as per change over schedule.
- Support and guide the junior officers about the emergency conditions.
- Following proper housekeeping to ensure clean and safe work area.

NATIONAL REFINERY LIMITED, KARACHI. PAKISTAN**2015-2016****→ APPRENTICESHIP****CRUDE DISTILLATION UNIT (CDU) & VACUUM DISTILLATION UNIT (VDU)**

- Line up of Vacuum Distillation Unit & Crude Distillation Unit.
- Process understanding of Vacuum Distillation Unit & Crude Distillation Unit.
- Understanding the emergency shutdown & start up procedure of both units.
- Following proper housekeeping to ensure clean and safe work area.
- Regular checkup of the plant safety conditions.

NOVATEX PETROCHEMICAL LIMITED, KARACHI. PAKISTAN**2014-2015****→ Sr.Operator**

- Hand over and take back of equipment from maintenance as and when required.
- Coordinate the start-up, shut-down (normal and emergency) and normal operations with lead operator and field operator. Follow up normal start-up and shut-down procedures.
- Responsible for preparation such as plant isolation etc. for day to day maintenance work.
- Keep required quality of product.

HILTON PHARMACEUTICALS LIMITED, KARACHI. PAKISTAN**2013-2014****→ QUALITY CONTROL**

- Driving implementation of quality policies, strategies, standards and global initiatives at the plant
- Treated contaminated water by the use of chemicals
- RO water filtration, ultra water filtration and simple water filtration plants based water results.
- Implementation and review different SHE audit points and SHE issues.

SPECIAL TRAININGS

- H2S Awareness and Protection Training
- ESCABA Practical Training
- Honeywell UOP Polybed PSA (Pressure Swing Adsorption) Training Certificate.
- Confined Space & Work at height Course is based on OSHA Guidelines.
- Use of Proper PPEs(Personal Protective Equipment)
- ELSA Practical Training
- Use of Fire Fighting Equipment Training
- Fire Extinguisher Training

ACADEMICS

INDUS UNIVERISTY, KARACHI.PAKISTAN **2015**

→ **BACHELORS OF TECHNOLOGY (B-TECH)**

GOVERNMENT COLLEGE OF TECHNOLOGY, HYDERABAD. PAKISTAN **2013**

→ **DIPLOMA IN ASSOCIATE ENGINEERING (D.A.E)**

SINDH BOARD, HYDERABAD. PAKISTAN **2010**

→ **MATRICULATION**

SKILLS & HOBBIES

- Internal Controls (Design, Evaluation & Improvement)
- Governance, Risk & Compliance
- MS Office applications, especially; MS Word and MS Excel.
- Computer Hardware and Networking Expertise
- Interpersonal Skills, Flexibility & Devotion to Aspect
- Actively participated in all sporting events, held at school, college and office level.

REFERENCES

Can be furnished upon request