

Abdulahman Mohamed

(Petrochemical Engineer)

Phone: +201159031678 | +201202997891
Elsa Lam district, Ismailia, Egypt
Abdulahmanmohamed353@gmail.com | <https://www.linkedin.com/in/abdulahman-mohamed>

Summary

Skilled Petrochemical Engineer with significant experience in elements of Petrochemical engineering including process computer simulation, Development sizing and specification.
Combines detailed knowledge of chemistry and product design to create functional products and manufacturing equipment.
Proficient at fabricating prototypes, Collecting testing data.
Running statistical analysis and redesigning as necessary.
Skilled in implementing safety procedures and product production processes.

Education

- Bachelors in chemical engineer | High Canal Institute of petrochemical engineering -Suez|
- 09/2014 - 06/2019 | good (C+)

Project: Natural gas treatment
Grade: A+

Experience

- * **Chemical Engineer (Water treatment) |medical union pharmaceuticals (mup) | Ismailia**
Duration: 01/2022 – 04/2023
- * **Chemical Engineer (Water treatment) |Elesraa Pharmaceutical Optima | Badr City**
Duration: 05/2023 - still now

Responsibilities:

- Follow up on the operation and maintenance of water treatment stations in manufacturers.
- Follow up on the operation and maintenance of waste water stations in manufacturers.
- Follow up on the operation and maintenance of boilers.
- Periodically flush the water to ensure it meets specified quality standards.
- Analyze measures and take corrective action if necessary.
- Supervising the operation and maintenance of water treatment equipment such as filters, chemical reactors, and sterilizers.
- Ensure smooth operation of systems and meet production requirements.
- Follow and know the latest quality and environmental standards associated with water treatment in the pharmaceutical industry.
- Ensure that all water treatment processes comply with health and safety laws and regulations.
- Diagnose and repair problems that may occur in water treatment systems.
- Documentation of operating procedures, inspection reports, and data analysis.
- Preparing periodic reports on the condition of the water and the treatment system.
- Work closely with production and quality teams to ensure water requirements are met at all stages of production.
- Manage and store chemicals used in the water treatment process in a safe and effective manner.
- Ensure the availability of the necessary chemicals and know the expiration dates.
- Ensure smooth operation of systems and meet production requirements.
- I supervise the chemical washing cycles of the station, sterilize both the primary treatment filters and the RO treatment stage, monitor the efficiency of the EDI, and supervise the sterilization of the station at the necessary times and periodically.

Trainings

- Petroleum Pipeline Company (July 2018 – August 2018)
- the Suez Petroleum Manufacturing Company (July 2018 – August 2018)
- Nasr Petroleum Company (August 2019 – September 2019)

Courses

- (Microsoft word – Excel)
- OSHA. American Academy of Engineering Training A (December 2018 – February2019).
- Basics of pressure metrology (calibration of pressure gauges)
- Calibration of closed volume (Temperature & Humidity).

Skills

<ul style="list-style-type: none">• Process engineering• Time management• Creativity• Communication• Leadership• Process optimization• Attention to detail	<ul style="list-style-type: none">• Chemical engineering• Problem solving• Quality control• Safety management• Project management• Team work
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languages

- **Arabic:** mother language
- **English:** very good (written, reading and speaking)