

Mohamed Tarek Abd El-Rahman

Chemical Engineer

261 Alshahama old, Abu Dhabi

mohamedtarek221490@gmail.com | Mobile: 0566638468

<https://www.linkedin.com/in/mohamed-tarek-82bb35215/>

Chemical Engineer

Exceptionally focused and skilled chemical engineer, that can develop, oversee, optimize, and troubleshoot chemical manufacturing processes. I'm looking forward to utilizing my skills and work as Chemical Engineer in your esteemed company.

Work History

Sakr Group for International Investment

Alexandria, Egypt

Quality Control Engineer

Aug 2020 – Dec 2021

- Monitor operations to ensure that they meet production standards.
- Recommend adjustments to the assembly or production process.
- Inspect, test, or measure materials or products being produced.
- Remove all products and materials that fail to meet specifications.

Alexandria Mineral Oils Company, Alexandria (Egypt)

Alexandria, Egypt

Operator

Aug 2019 – Mar 2020

- Work in production of Oils unit.
- Work in utilities "Water treatment units".
- Work as a Safety.

Amreyah Petroleum Refining Company (APRC)

Alexandria, Egypt

Trainee

Jul 2018 – Aug 2018

- Trained in some units and learned how to work in it, as I discovered more about linear Alkyl benzene units and the utilities "Water treatment units" in the company.
- Discovered some information about the processes and how I can handle it in the control room..

Sidi Kerir Petrochemicals Company (SIDPEC)

Alexandria, Egypt

Trainee

Aug 2017 – Sep 2017

- Learn some Fundamentals about the Petrochemical Industry and the safety process
- Trained in Polymerization production units, Distillation towers, water treatment units and LPG production units.

Egyptian Petrochemical Company (EPC)

Alexandria, Egypt

Operator

Aug 2013 – Sep 2014

- Learned information about the polymers industry and how we can produce it.
- Work in some important units like PVC unit, VCM unit and the machinery

Education

Bachelor degree: Chemical Engineering, Alexandria University July 2020

Academic project is Design of A Dodecyl Benzene (LAB) Production Unit, Grade: Excellent

High school degree in Petrochemical Industry, El-Wardian advanced technology school July 2015

Academic project is Production of Gas in industries, Grade project “Excellent”

Volunteering Experience

RESALA foundation Alexandria, Egypt

Team leader Jan 2016 – Present

- Responsible for many parts in the charity like Roof building, devices distribution and warehouses. So, I gained skills in leadership, teamwork and work under pressure.
- Travelled and attended many camps in different cities in Egypt as a team leader too. So, I can adapt easily with many situations.

Courses & Certificates

Chemical process modeling and simulation software (Aspen HYSYS), EGYCET

- Learned how to model a chemical process in the industry and simulate it in Aspen HYSYS like separation process, reacting units, polymerization process and more.

Process Engineering intensive course, ALCHE Suez

- Discovered more about the Chemical Engineering process and how can I find it in industry and how can I design, utilize and control it.

Oil and Gas production course, ALCHE Suez

- Get an experience in Oil & Gas process in the industry in the manufacture process, the purification process “Distillation” and getting different products for different industries.

Employability skills course, University center of career development (UCCD)

- Knowledge about soft skills and how we use it such as time management, critical thinking, presentation skills, leadership and more useful skills

Gas& Oil and Petrochemicals Engineering Diploma (EGYCET)

- Production and Processing facilities (crude oil refining processes, natural gas processing, petrochemicals industry), Processes Equipment in Gas Oil and Petrochemical plants (heat transfer, heat exchangers, fired heater, fractionating towers, separators, valves and process control, pump, compressors, storage tanks fields), Chemical Engineering Skills (P&ID flow diagrams).

Skills

- | | |
|--|---------------------------------------|
| - Lab Management | - Environmental Design |
| - Hazardous Materials | - Manufacturing Development |
| - Predictive Modeling | - Teamwork and Leadership |
| - Communication and negotiation | - Multitasking and Strategic Thinking |
| - ASPEN HYSYS & MATLAB software engineer | - Time Management and Problem solving |
| - Decision Making | - Flexibility and Calm under pressure |
| - Microsoft Office | - Self-Learning |
| - Team Spirit | |