

MAAMOON AWAD

Team Leader MEP Engineer

Future city
Cairo , Egypt
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Professional Experience Summary

Techno Air Gate (HVAC & Clean Room) , Cairo — Team Leader MEP Engineer

- Supervision and Management
- Directed TAB (Testing, Adjusting, and Balancing) projects in Egypt, including duct cleaning.
- Conducted Enclosure Integrity Tests and firefighting system tests for critical rooms.

Key Projects:

1. New Administrative Capital:

- Governmental Ministries.
- Financial and Business District, including the Iconic Tower.
- New Monorail Lines (capital side) .

2. Hotels:

- Alexandria Montazah Nazly and Nariman hotels.
- Mangroovy Hotel El Gouna

3. Hospitals:

- Suez Military Hospital.
- Imbaba Hospital.
- Abu El-Rish Hospital.
- Tanta Hospital.

4. Medmac Pharmaceutical Factory (Jordan).

Production And Maintenance Skills :

Expertise in Production Engineering:

- Specialization in iron and steel industries:
- Sheet metal fabrication.
- Wire drawing processes.
- Electrostatic painting applications.

Expertise in maintenance :

- Preventive Maintenance
- Corrective Maintenance
- Predictive Maintenance
- Maintenance Planning and Scheduling
- Spare Parts Management

DESIGN PROGRAMING SKILLS

- SOLIDWORKS
- Pipe seizer
- Microsoft Office
- C++
- Auto Cad
- Revit
- Hap
- ASHRAE Duct Fitting

PERSONAL SKILLS

- I have leadership skills working in a team (have skills to lead the team)

- problem solving skills

- Excellent communication skills

To deal with the customer under any circumstances and contain the situation in the case of any dissatisfaction

- Good at negotiating

To reach solutions satisfactory to all parties

- Have good presenting skills

- I am good at writing technical reports

- Working under pressure

- I do continuous research to improve my work

Experience

Techno Air Gate (HVAC & Clean Room) , Cairo —

Team Leader MEP Engineer

1/2024 – present

- **TAB:** Specializes in balancing air and water in central air conditioning systems to meet design values, ensuring optimal performance of air handling units, pumps, chillers, and heat exchangers, and proper distribution of air and chilled water.
- **Duct Cleaning:** Focused on cleaning ducts in critical areas like hospital operating rooms, pharmaceutical factories, and residential or administrative spaces.
- **Firefighting Testing:** Conducts integrity tests for sensitive rooms, verifies fire systems' functionality, and tests fire scenarios, including smoke extraction and stair pressurization.

El-Tawheed Industries, Oubour city —

Production Mechanical Engineer

8/2023 – 1/2024

- Monitoring mattress production and ensuring quality meets standards.
- Maintaining the machine and handling repairs during operation.
- Scheduling and performing preventive maintenance.

Teba for engineering industries, 10th of Ramadan —

Production Engineer

12/2022 – 8/2023

- Production engineer designing metal sheet products and overseeing their production to ensure defect-free quality.
- Contributed to designing and building an 80-meter electrostatic paint line with a 10-ton capacity per cycle.

EDUCATION

Bachelor's degree in Mechanical Engineering

very good, GPA (2.99)

Higher Technological Institute (HTI) , 10th of Ramadan —

9/2017 - 3/2022

Final project was ; project to improve the efficiency of solar energy cells - Graduation project with excellent degree

We made reflectors of mirrors to increase the concentration of sunlight on the cells to increase their efficiency

Diploma project was; Design HVAC System For Hospital - project with excellent degree

TRAINING

Internal self-training program — TAG, learning management system

10/2024 - 1/2025

Training in (Design HVAC System) — Bait El-Mohandseen

5/2022 - 8/2022

Car maintenance — Jeep Maintenance Center

3/2022 - 6/2022

North Cairo station for electricity production

6/2021 - 8/2021

Water Holding Company

6/2020 - 8/2020

LANGUAGES

- **Arabic** , first language
- **English** , Fluent , Good skills (reading, writing, speaking and listening)
- **French And German** , Beginner level

MORE INFORMATION

- **Permanently exempt from military service**
- **Have experiences for working outside Egypt**
- **I have an international driving license**