

## CURRICULUM VITAE

# MOHAMED THARWAT ABDEL-RAZEK

### Mechanical site Engineer

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### Professional objective

- *Motivated Mechanical Site Engineer with hands-on experience in MEP execution, HVAC system and firefighting networks, seeking to join a dynamic engineering company where I can apply my technical skills and expand my expertise.*
- *Dedicated to delivering efficient solutions and contributing to high-quality engineering projects.*

### Education & certifications

#### Bachelors of engineering (Mechanical Power department) Faculty of Engineering – Mansoura University

Major: power  
Graduation Year: 2013  
General Grade: GOOD

Saudi Council of Engineering Membership

Egyptian Syndicate of engineering Membership

### Employment History & Experience

#### Alamir Group for contracting & General supplying:

May 2021 - June 2025

#### Project name: (Wesal compound)

(Residential villas - Administration building – Mall -Service building)



- HVAC system with 3 water cooled chiller (Trane type) with total capacity 800 TR for each.
- DX system (High wall – concealed – cassette unit)
- Firefighting network including 1000 GPM pump station
- Plumbing works (Drainage & water supply)

### Key Responsibilities

- Execute works as per approved Shop drawings and coordinate with the technical office to report site-related technical comments.
- Coordinating between all MEP systems to avoid conflicts and clashes.
- Monitoring on-site execution to ensure compliance with approved drawings and specifications.
- Resolving technical issues and contact with consultants and other departments.
- Reviewing subcontractors progress bills and verifying actual work completion.
- Supervising testing and commissioning activities for all MEP systems.
- Managing project schedules and ensuring timely execution

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### El-Arish cement factory (Ministry of defense):

Decembre 2016 – April 2021

- Managed preventive maintenance for mechanical systems
- Coordinated with other departments to optimize equipment performance
- Analyze the problems and make root cause analysis
- Gained hands-on experience with systems overlapping MEP scope (HVAC, firefighting system, compressed air, utilities)



### ➤ Egyptian Armed Forces (Platoon Commander)

April 2014 - April 2016

- Worked as a reserve officer in the Egyptian military forces, leading the maintenance crew in at arish cement factory
- Contribute at the commissioning of line 3 & 4 from Simona company



## **Courses**

- HVAC, Firefighting, Plumbing systems design
- AutoCAD 2D
- Lubrication course at MISR PETROLEUM
- Bearing course
- Turbo Machinery
- Vibration course training
- Integrated maintenance at industrial project course training

## **Skills**

### Technical skills

- Have excellent Knowledge of software and hardware maintenance.
- MS Word-MS Excel-MS PowerPoint. Very good

### Language Skills

- Arabic: Native                      English: very good

## **Personal Data**

Date of Birth:	4/5/1991
Nationality:	Egyptian
Place of Birth:	MANSOURA
Religion:	Muslim
Marital status:	Married

**All certificates, credentials, and recommendations are available upon request**