

**Name:** Mohammed Abdulkawy Elsayed Elshal (PMP)®  
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## Summary:

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**Mechanical engineer, PMP certified**, with **12 years of experience** by working in mega scale projects and companies, with multiple roles as **projects management, Engineering, Technical office, Construction and Design**. In **Water, wastewater treatment, MEP and integrated infrastructure field**, A good analyzer and solver to the most complex problems with good communication skills. Dedicated and skilled engineer which allows me to gain an accumulative considerable expertise.

## Personal Data:

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**Address:** Shebin Elkom - Menofya  
**Nationality:** Egyptian  
**Marital Status:** Married  
**Date of Birth:** 28/04/1989  
**Military Status:** Completed (reserve officer)  
**Driving License:** Valid

## Education:

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**Specification:** Mechanical Power Engineering  
**Education:** Faculty of Engineering  
**University:** Menofia University  
**Degree:** Bachelor Level  
**Graduation date:** 2013  
**Graduation project:** Construction and maintenance of Steam Power Station

## Fields of Interesting (Experience):

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### -Water, Wastewater Treatment and Desalination Projects:

Project Management, Technical Office, Engineering, Design, Construction, Operation and Maintenance.

### -Integrated Infrastructure Projects (Water and Wastewater):

Project Management, Technical Office, Engineering and Construction.

### -MEP (HVAC, Firefighting, and Plumbing):

Project Management, Technical Office, Engineering, Design, Construction, Operation and Maintenance.

### -HVAC and Refrigeration Equipment: Operation and Maintenance.

## Work Experience:

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### ***Apr 2022 – Present***

**Title:**            **Area Projects Manager** - Water, Wastewater treatment and Infrastructure

**Employer:**    **IETOS** - The Integrated Environmental Technologies and Oil Services Co.  
Sheraton Residential – New Cairo - Egypt

**Web Site:**    [www.ietos.net](http://www.ietos.net)



#### **Projects:**

- projects Funded by **World Bank (FIDIC Contract – Design and Build)**:
  - Owned by (Holding Company for water and wastewater) – Consultant (Sets and EGEC)
    1. **Kafr Elsahel** Wastewater Treatment Plant – Gharbia Governorate.
    2. **Tala** Wastewater Treatment Plant – Menofia Governorate.
    3. **Saft Gedam** Wastewater Treatment Plant – Menofia Governorate.
- projects Funded by **European Bank (FIDIC Contract – Design and Build)**:
  - Owned by (Holding Company for water and wastewater) – Consultant (STANTEC)
    1. **El-Lahoun** Wastewater Treatment Plant – Fayoum Governorate.
    2. **Al-Agamyeen** Wastewater Treatment Plant – Fayoum Governorate.

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### ***Jan 2021 – Apr 2022***

**Title:**            **Projects Team Leader** - Water, Wastewater, Infrastructure, MEP

**Employer:**    **MADKOUR Group**  
5th Statement – Cairo – Egypt

**Web Site:**    <https://madkour.com.eg>

**Budget:**        Projects were estimated at (750 million L.E).



#### **Projects:**

- Owned by Engineering Authority – Egyptian Armed Forces.
- 1. **Ashmoun Sewage treatment plant** – (Hayah Kareema - Menofia).
- 2. **Water, sewage infrastructure networks and lifting stations** – (Hayah Kareema – Menofia).
- 3. **Iron & Manganese Removal water treatment plants** – (Hayah Kareema - Menofia).
- 4. **Deep wells** – (Hayah Kareema - Menofia).

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## Jan 2018 – Jan 2021

**Title:** Project Manager - Water, Wastewater, Infrastructure, MEP

**Employer:** The Arab Contractors  
Electromechanical Projects Division for Water and Wastewater treatment.  
Giza – Cairo.

**Web Site:** [www.arabcont.com](http://www.arabcont.com)

**Budget:** Projects were estimated at (230 million L.E).



### Projects:

1. El-Hamool Water Treatment Plant – Menofia.
2. Ghazl Elmahala Spinning Factory – Elmahala Elkobra.
3. Tanta Water Treatment Plant – Tanta.
4. Sakyet Abu Shara'a Sewage Treatment Plant – Menofia.

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## Jan 2017 – Jan 2018

**Title:** Senior Mechanical Engineer - Water, Wastewater, Infrastructure, MEP  
(Technical office – Engineering – Design)

**Employer:** The Arab Contractors  
Electromechanical Projects Division for Water and Wastewater treatment.  
Giza – Cairo.

**Web Site:** [www.arabcont.com](http://www.arabcont.com)



### Projects:

1. AL-MOSTAKBAL Water Treatment Plant – Ismailia.
2. NEW SOUHAIJ Water Wastewater plant – SOUHAIJ.
3. TANTA Water treatment Plant – TANTA.
4. ELHAMOOL Water Treatment Plant – MENOFYA.
5. Egyptian army manufactures (81 Harby) – 10<sup>th</sup> of Ramadan.
6. Siemens power planet – new administrative capital.

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## **Aug 2016 – Jan 2017**

**Title:**           **Mechanical Site Engineer** – MEP (HVAC - Fire Fighting - Plumbing)

**Employer:**     Capital Contracting - Nasr City



### **Projects:**

1. Palestinian embassy – 5th Settlement.
2. CIB bank - smart village 6th OCTOBER CITY.
3. PICO Company – ZAMALEK.
4. Villa ELSHOROUQ president's House – NASR CITY.
5. Villa ELKHALIFA ELMAAMONE – NEW CAIRO.

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## **March 2016 – August 2016**

**Title:**           **Maintenance and Operation Engineer**

**Employer:**     Alwaha Company for refrigeration and air conditioning



### **Objectives:**

1. Supervising installation of the HVAC equipment (Chillers, Pumps, Air handling units (AHU), Fan coil units & condensing units).
2. Operating and maintenance of different types of chillers (YORK, CARRIER, TRANE, CIAT, MTA, BLUE BOX and CLIMAVENETA).
3. Supervising the installation of the HVAC control & MCC panels.
4. Work as sales engineer for refrigeration and air conditioning equipment.

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## **Nov 2013 – March 2016**

**Title:**           Mechanical Engineer Officer

**Employer:**     Egyptian Military



### **Objectives:**

1. Operating and maintenance officer engineer of heavy equipment & electrical generators and internal combustion engines.
2. Supervision of mechanical equipment during works in Sues Canal.
3. Managing more than 40 people in the military unit.

## Courses

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- **MEP Diploma** (Engineer's House) - (HVAC – Plumbing – Fire Fighting – Revit MEP).
- **KY pipe** – software for calculating and design of water hammer protection systems.
- Supervision of mechanical equipment during works in Sues Canal.
- Noise / Vibration analysis / troubleshooting for Pumps and equipment.
- Pump System analysis and calculations / Water hammer calculations.
- Pump alignment by using laser equipment.
- Pumping design Fundamentals.

## Training

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- Execute a project to design (HVAC & Plumbing and Firefighting) within MEP Diploma.
- Training at Alwaha Company for refrigeration & conditioning (Chillers, Pumps, Air handling units (AHU), Fan coil units & condensing units).
- Training at Arab Contractors main workshops (Heavy equipment, hydraulic, combustion engines, automobiles, compressors, and generators).
- Training at shebin elkom electrical power station (power generators).

## Computer Skills

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|--|-----------|
| • Operating System (Windows).  | Excellent |
| • Excellent command in MS. Office (Word, Power Point, Excel, Outlook). | Excellent |
| • Primavera  | Good      |
| • Dealing by Emails.   | Excellent |
| • AutoCAD.   | Excellent |
| • Revit MEP  | Good      |
| • KY pipe  | Very Good |
| • Solid works  | Good      |

## Professional skills

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- Project Management Professional PMP.
- Good communication skills.
- Excellent in using computer programs.
- Creativity and Innovation.

## LANGUAGE SKILLS

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- Arabic: Mother tongue.
- English: Fluent (written & spoken).

*References Available Upon Request*



<https://www.facebook.com/Mo.Elshal>



+201008566991



[www.linkedin.com/in/mohamed-el-shal](http://www.linkedin.com/in/mohamed-el-shal)



THIS IS TO CERTIFY THAT

**MOHAMED ABDELKAWY ELSAYED ELSHAL**

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE  
IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND  
RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

**Project Management Professional (PMP)®**

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

Jennifer Tharp | Chair, Board of Directors



Pierre Le Manh | President & CEO

PMP® Number: 3438057

PMP® Original Grant Date: 18 March 2023

PMP® Expiration Date: 18 March 2026



# CERTIFICATE OF PROMOTION

THIS CERTIFIES THAT

*Eng. Mohamed El Shal*

IS HERBY PROMOTED TO

**AREA PROJECTS MANAGER**

  
Ms. Asmaa Yasser  
HR Department  
Eng. Hassanien El Mamlouk  
GM