



# MOHAMED SALAH

## SENIOR MECHANICAL SITE ENGINEER

contact/ +966537113674 - +201014117742

Email/ salah16641664@gmail.com

Saudi arabia - DAMMAM

Egypt - cairo

<https://www.linkedin.com/in/mohamed-salah-446439146>

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### INTRO

"I am a highly skilled and experienced Senior Mechanical Project Engineer with a strong background in managing and executing mechanical engineering projects. Over the years, I have honed my expertise in project planning, design, implementation, and team leadership, delivering high-quality results that align with organizational goals and client expectations. My role involves overseeing complex mechanical systems, ensuring compliance with safety and quality standards, and efficiently managing resources to meet project timelines and budgets."

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### EDUCATION

Bachelor degree of Mechanical Engineering 2013 - 2017

**Ain shams university-Egypt**

GPA: 3/4

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### WORK SKILLS

#### Project Planning and Coordination

- Develop and review project plans and schedules.
- Coordinate with architects, engineers, and clients to understand project requirements.
- Ensure all project specifications and designs are followed.
- Allocate resources, including manpower, materials, and equipment.
- Collaborate with other departments (e.g., electrical, civil, etc.) for seamless integration of services.

#### Supervision and Management

- Oversee the daily operations of mechanical construction activities.
- Ensure that subcontractors and workers adhere to project timelines and standards.
- Monitor work progress and provide updates to stakeholders.

#### Technical Oversight

- Review and approve shop drawings, method statements, and material submittals.
- Ensure all mechanical installations meet design intent, codes, and standards.
- Perform site inspections and quality control checks.
- Manage testing, commissioning, and handover of mechanical systems.
- Identify and resolve technical discrepancies between drawings, specifications, and site condition.

## WORK EXPERIENCE

### 1-OTHAIM CIRCLE MALL ( KHOBAR )

**JOB TITLE : SENIOR MECHANICAL ENGINEER**

**PROJECT DESCRIPTION :** Wide mall consist of three buildings include restaurants & offices .

**SCOOP BUDGET :** 80 MILLION SAR

**CLIENT :** ALOTHAIM HOLDING

**CONSULTANT :** CG

**MAIN CONTRACTOR :** GTS

**MEP SERVICES :**

**HVAC :** VRF SYSTEM ( 850 TR ) INCLUDE FCU, AHU.

**FIRE FIGHTING :** SPRINKLER SYSTEM ,PUMP ROOM ,FHC ,FM200, FOAM SYSTEM

**PLUMBING :** WATER SUPPLY SYSTEM (PPR PIPES) , BOOSTER PUMPS, TANKS , DRAINAGE SYSTEM (UPVC PIPES CLASS 4).

**BMS :** INTEGRATION BETWEEN DDC PANELS & ALL SYSTEMS TO FINAL BMS STATION.

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### 2-MARRIOT HOTEL ( TABUK )

**JOB TITLE : SENIOR MECHANICAL ENGINEER**

**SCOOP BUDGET :** 130 MILLION SAR

**2023 - 2025**

**CLIENT :** WATANIAH BUSINESS GROUP

**CONSULTANT :** AFYAA

**MAIN CONTRACTOR :** WATANIAH BUSINESS GROUP

**MEP SERVICES :**

**HVAC :** CHILLED WATER SYSTEM AIR COOLED (750 TR) .

**FIRE FIGHTING :** SPRINKLER SYSTEM ,PUMP ROOM ,FHC ,FM200

**PLUMBING :** WATER SUPPLY SYSTEM (PPR PIPES) , BOOSTER PUMPS, TANKS , DRAINAGE SYSTEM (UPVC PIPES CLASS 4,5).

**INFRASTRUCTURE :** HDPE PIPES FOR FIRE AND W.S SYSTEMS AND UPVC PIPES CLASS (4) AND CONCRETE MANHOLES FOR DRAINAGE

**FOUNTAINS :** TWO FOUNTAINS WITH ALL ACCESSORIES (NOZZLES, VACCUME, GUTTER DRAIN) OVER FLOW SYSTEM AND PUMP ROOM.

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### 3-ZAHA MALL (CAIRO)

**JOB TITLE : SENIOR MECHANICAL ENGINEER**

**PROJECT DESCRIPTION :** IT IS RISE MALL CONSISTS OF 10 FLOORS EVERY FLOOR CONSIST OF 33 SHOP CORE AND SHELL.

**SCOOP BUDGET :** 85 MILLION EGP

**CLIENT :** Misr Italia

**2022 - 2023**

**CONSULTANT :** EMG

**CONTRACTOR :** ECS

**MEP SERVICES :**

**HVAC :** CHILLED WATER SYSTEM AIR COOLED CHILLER (800 TR) CONNECTED WITH FCU, AHU.

**FIRE FIGHTING :** SPRINKLER SYSTEM ,PUMP ROOM ,FHC ,FM200

**PLUMBING :** WATER SUPPLY SYSTEM (PPR),BOOSTER PUMP,TANKS,DRAINAGE SYSTEM (UPVC PIPES).

**4-R3 RESEDENTIAL BUILDINGS (CAIRO)                      JOB TITLE : SENIOR MECHANICAL ENGINEER**

**PROJECT DESCRIPTION :** IT IS THREE RISE RESEDENTIAL BUILDINGS CONSIST OF 11 FLOORS EVERY FLOOR CONSIST OF 8 APARTMENT.

**SCOOP BUDGET :** 40 MILLION EGP

**2021 - 2022**

**CLIENT :** ADMINISTRATIVE CAPITAL

**CONSULTANT :** NUCA

**CONTRACTOR :** CONCRETE PLUS

**MEP SERVICES :**

**HVAC :** SPLIT UNITS AND VENTILATION SYSTEM IN BASEMENT.

**FIRE FIGHTING :** SPRINKLER SYSTEM ,PUMP ROOM ,FHC ,FM200

**PLUMBING :** WATER SUPPLY SYSTEM (PPR) , BOOSTER PUMPS , TANKS  
DRAINAGE SYSTEM (UPVC PIPES).

**5-KAP-1 ( MINISTRY OF INTERIOR ) (SKAKA-KSA)                      JOB TITLE : SITE MECHANICAL ENGINEER**

**PROJECT DESCRIPTION :**

1-FORENSIC EVIDENCE BUILDING

**2019 - 2021**

2-POLICE STATION

**SCOOP BUDGET :** 95 MILLION SAR

**CLIENT :** MINISTRY OF INTERIOR

**CONSULTANT :** KHATIB & ALAMI

**CONTRACTOR :** ELMOHILEB

**MEP SERVICES :**

**HVAC :** CHILLED WATER SYSTEM AIR COOLED (500TR) CONNECTED WITH FCU, AHU, FAHU .

**FIRE FIGHTING :** SPRINKLER SYSTEM ,PUMP ROOM ,FHC ,FM200

**PLUMBING :** WATER SUPPLY SYSTEM (PPR) , BOOSTER PUMPS , TANKS  
DRAINAGE SYSTEM (UPVC PIPES), GREASE INTERCEPTORS, BLOOD INTERCEPTORS.

**INFRASTRUCTURE :** HDPE PIPES FOR FIRE AND W.S SYSTEMS AND  
UPVC PIPES CLASS (4) AND CONCRETE MANHOLES FOR DRAINAGE.

**6-GARDEN 8 MALL    (CAIRO)    JOB TITLE : SITE MECHANICAL ENGINEER**

**PROJECT DESCRIPTION :** IT IS VIRY WIDE MALL WITH AREA= 20000 M2  
CONSIST OF 4 FLOOR AND 2 BASEMENT, LANDSCAPE.

**SCOOP BUDGET :** 70 MILLION EGP

**2018 - 2019**

**CLIENT :** misr italia

**CONSULTANT :** ECB

**CONTRACTOR :** ECS

**MEP SERVICES :**

**HVAC :** ABSORPTION CHILLER SYSTEM (600 TR) AND AHU, FCU, VENTILATION SYSTEM.

**FIRE FIGHTING :** SPRINKLER SYSTEM ,PUMP ROOM ,FHC ,FM200

**PLUMBING :** WATER SUPPLY SYSTEM (PPR) , BOOSTER PUMPS , TANKS ,  
DRAINAGE SYSTEM (UPVC PIPES).

**7-FIRE GAS SYSTEM TECHNICAL OFFICE**

**(CAIRO)**

**2017 - 2018**

**COMPANY** : CAPITAL GUARD

SCOOP OF WORKS: DESIGN AND CALCULATE THE FIRE GAS SYSTEM ( FM200, CO2, NOVEC ) SPECIAL COMPANY IN THIS FIELD.

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## **SOFT SKILLS**

- HVAC design software (HAP-duct sizer)
- Plumbing design software (Pipe Calc)
- Fire protection design software (elite)
- AutoCAD
- Code compliance knowledge ( NFPA-IPC-ASHRAE)
- Teamwork
- Time Management
- ATTENTION TO DETAIL

**VERIFIED**

Certificate of Achievement

This is to certify that

**mohamed salah**

has successfully completed online course of  
**PMO-CP Full Exams**  
on 01/11/2024

Valid Certificate ID  
52e7952441675160



*James Sinton*

Authorised Name  
Company Name



Certificate no: UC-ocdbba34-7d3c-4f19-9ecd-d0d188fe3f4c  
Certificate url: [udemy.com/UC-ocdbba34-7d3c-4f19-9ecd-d0d188fe3f4c](https://udemy.com/UC-ocdbba34-7d3c-4f19-9ecd-d0d188fe3f4c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# PMO-CP™ Certification Course in Arabic

Instructors **Mohamed Abdelsatar. MBA, PMP®, RMP®, PMI-PBA®, PMO-CP™**

## Mohamed Salah

Date **Nov. 30, 2024**

Length **7 total hours**