

**Name: Amir Medhat Mohamed Younies**

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**Senior  
Mechanical  
Engineer**



## **PERSONAL DETAILS**

**Date of Birth** : July 7th, 1990  
**Nationality** : Egyptian  
**Marital Status** : Married  
**Military Status** : Completed  
**Adress** : Saudi Arabia – Riyadh – Al - Akeek Dist.

## **OBJECTIVE**

Seeking for a challenging opportunity in an expanding environment of a big company in which I can prove myself in order to reach the highest position as long as I am Working and acquiring more and more experience in my mechanical engineering field .

## **PERSONAL PROFILE**

A highly self-motivated engineer with diversified background Mechanical Willing to work efficiently and effectively under tight working conditions on own initiative or as part of a team.

## **KEY SKILLS**

- **Mechanical skills.**

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- **HVAC:**

Supervision and Installing all types of HVAC systems :

Such as :

- Air Cooled Condenser Chiller System.
- Water Cooled Condenser Chiller System with(Cooling towers).
- Heat Exchanger System.(ETS rooms HVAC Work).
- Air control Systems.
- Data Center HVAC System.
- Ventilation Systems.(Kitchen,Parking, Emergency StairCase...etc).
- All Pipe and Duct work with valves and dampers.
- Making Bill of Quantities ( B.O.Q) and preparing SUBMITTALS for approvals .

- **Fire Fighting:**

The ability to install **Fire Fighting systems.**

- **Plumbing:**

Supervision and Installation of Plumbing system Such as

- Storm water,Soil Water,Waste Water and Mechanical Drainage Systems.
- Water Supply,Treated Grey Water and irrigation Systems.
- GRB Tanks Installation with Pump stations(booster and submersible).
- STP and R.O. Stations installation.

**Familiar enough with mechanical codes such as (ASHRAE-SMACNA-NFPA-IPC).**

### ➤ Computer skills

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- Microsoft Office Professional ( Word – Excel- PowerPoint )
- AutoCAD 2D-3D drawing.
- Excellent command of internet.
- Excellent Typing skills more than 25W/min in both Arabic and English.

### ➤ Languages Skills

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**Arabic:** Mother Tongue.

**English:** Very good (Spoken, read, and write).

## Work Experience

### ➤ Company Name

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#### 1- (Saudi Aircon - Abdulatef Al-Arfaj Holding Company )

From **August / 2018** until **now** in project :

**Tadawul Tower Project at (KAFD) /Riyadh.** From **March/2019** until **now**

#### My Duties and Responsibilities

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✚ Supervision and monitoring of all executive activities in the site for :

-High Raise Vertical Installations of Mechanical Systems Such as Chilled, Condensate, Plumbing and Fire Fighting Risers.

-Plumbing System and installation of STP and RO Stations with all booster and submersible pumps.

-Data Center HVAC work (CRAH) units.

-ETS room including Pumps and Heat Exchanger for HVAC System.

✚ Ensuring the quality of work in accordance to Consultant standard Drawing and specifications.

✚ Prepare All Materials Submittals for approval.

✚ Inspection for Materials before installation (with the approved Submittals).

✚ Prepare shop drawing.

✚ Prepare daily inspection in sequence with the work.

✚ Prepare Daily, Weekly, activity and Monthly progress report.

✚ Estimating the Actual material required for the activities.

✚ Prepare and estimate the Quantity and make Take off materials.

✚ Reviewing Quantities and preparing invoices for the mechanical items.

✚ Following up the Execution of all activities in accordance with the project time schedule.

**Dr.Suliman Al-Habib Hospital / Khobar** July/2018 – March/2019

#### My Duties and Responsibilities

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✚ Supervision and monitoring of all executive activities in the site for HVAC system (all types of Duct such as "Galvanized Sheet, Pre-insulated and Chilled Water Pipes with all Air Handling Units and Fan Coil Units.

✚ Ensuring the quality of work in accordance to Consultant standard Drawing and specifications.

✚ Inspection for Materials before installation (with the approved Submittals).

✚ Prepare daily inspection in sequence with the work.

✚ Check all devices related to HVAC system and matching site installation with shop-drawing (Capacity, direction and connection)

✚ Reviewing Quantities and preparing invoices for the mechanical items.

## 2- (Abdullah Al-faraj Contracting Est.) in KSA-Dammam

From June/2015 - August/2018

### My Duties and Responsibilities

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- + Complete Monitoring and Supervision on site work activity.
- + Prepare All Materials Submittals for approval.
- + Inspection for Materials before installation (with the approved Submittals).
- + Prepare shop drawing.
- + Prepare daily inspection in sequence with the work.
- + Prepare Daily, Weekly, activity and Monthly progress report.
- + Estimating the Actual material required for the activities.
- + Prepare and estimate the Quantity and make Take off materials.
- + Reviewing Quantities and preparing invoices for the mechanical items.

### Projects:

- + **Medokhel 5-Star Hotel in Dammam**  
Water cooled Chiller System (With cooling Towers) . (TRANE). (2400T.R.).
- + **Tahtheeb Educational Organization**  
Air cooled Chiller System. (York). (1200T.R.).
- + **Saudi Basic Industrial Corporation ( SABIC) IBN SINA**  
Package Units (YORK).
- + **The Saline Water Conversion Corporation (SWCC)**  
Package units (TRANE).  
Concealed Units for IT Rooms (MAFNA)
- + **Dammam Sheraton Hotel**  
Air cooled chillers. (TRANE) (400T.R.).
- + **Saudi Railway**  
Package Units (YORK).

## 3- (AL-TAWHEED ) contracting for electromechanical engineering (Egypt):

From August/2014 - December/2014 in this project :

- + Site Engineer in 'Warehouse' for Egyptian Drilling Company and this project contain :
  - Installation of VRV air condition system. (DAIKEN).

## 4- (AL-Wady) Fayoum Factory for Food Industries.

- + Worked as an operator and maintenance Engineer for Electromechanical machines (Chillers -Boilers-Compressors and Pumps) for Industrial processes.

March/2014 – to August/2014 .

## Academic Qualifications

*Cairo University*

(2007 – 2012)

Institute of aviation engineering and technology (IAET).

**B.Sc. in Aeronautical engineering**

(very good)

*Egyptian Engineering Syndicate*

- Design of **HVAC,, Fire Fighting and Plumbing** system course from Engineering Group Corporation (**EGC Company**) by Engineering Syndicate.

*Autodesk Authorized Training Center (YAT)*

Mastering of AutoCAD for Engineers.

## References

- *Available upon request*

*AMIR YOUNIES*

*00966553336052*