

Holds a B. Sc. in Mechanical Power Engineering and has about 7 years experience working as Electromechanical Engineer in water & waste water – MEP fields.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 22/04/1989  
Gender : Male  
Marital Status : Married  
Residence : Qalubia

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2013

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD 2D

## TRAINING COURSES AND CERTIFICATIONS

- : TRAINING PROGRAM OF WATER OPERATING ENGINEER IN GREAT CAIRO WATER COMPANY (GCWC):
  - Electromechanical equipment performance appraisal program.
  - Setting technical specification of electromechanical equipment's.
  - Occupational Safety and Health.
  - Properties of Drinking water.
  - Basics OF water treatment.
  - Basics OF OPERATING water treatment Plant.
  - Basics OF OPERATING and Maintenance Centrifugal Pump.
  - Measuring Devices which using in water field Course.
  - Water supply Network Course.
  - Properties of Drainage water.
- : European Union Egypt Water Talks Training Program by Emend Egypt:
  - Management of projects.
  - Fucid course (Clac30 - Clac40) with Dr Shrief Elhaggan.

- MS Project Program.
- : MEP Design course: I hold Extra MEP Diploma in Engineers House for Engineering Consultations,
- : Training programs during studying:
  - TRAINING at workshop in Mercedes Benz.
  - TRAINING at El Naser Company for medicine industry IN STEAM BOILER - AIR REFREGRATION.
  - TRAINING AT Carline company in maintenance of hydraulic Transmission systems.
  - AUTOCAD COURSE AT FACULTY OF ENGINEERING CAIRO UNIVERSITY.
  - (HYDRULLIC & PNEUMATIC COURSE IN JELECOM.
  - Central air Refrigeration course in ITC Center.
- : International Certified from IESP and Local CERTIFIECATION IN OSHA in EXPERT Company:
  - General industry safety and health, Certified from IESP (international environment and safety professional academy with ID: 1000440 In.
  - General construction safety and health, certified from IESP with ID: 1000440 In.
  - Health and safety Risk Assessment, certified from IESP with ID: 1000440 In.
  - Fire marshal, Certified from IESP with ID: 1000440 In.
  - Scaffolding competent person, Certified from IESP (international environment and safety professional academy with ID: 1000440 In.
  - Managing Safety.
  - Electrical Hazard and PTW.
  - LIFTING and rigging competent person.
  - First Aid and CPR.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2020 till now
- Employer** : Holding Water and Wastewater Company (HWWC), South Upper Egypt
- Job title** : Senior Electro-Mechanical Engineer
- Job Description** : Follow up on the implementation of projects carried out by the National Organization for Water and Wastewater in Egypt such as:
- Elqusea sewage treatment plant in Assiut.
  - German Filtration Drinking water purification plant in Assiut.
  - Bani Hassan Compact unit Drinking water purification plant in Assiut.
  - Elzaher Sahrawi Sewer derange project in El-Minya.
  - South river Drinking water purification plant in Luxor.
  - Iron and manganese removal plants in Assiut.
  - Elzayaten Filtration Drinking water purification plant in Alexandria to check electromechanical works in station.
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- Dates** : From 2015 till 2020
- Employer** : Great Cairo Water Company (GCWC)
- Job title** : Site Electro-Mechanical Engineer

- Job Description** :
- Setting the specifications of the mechanical tasks and supervision of Supply and installation (valves - networks and lines of fire - pumps - lifting cranes - power generator - water hammer protection systems - air compressors).
  - Member of the technical decision committees to study tenders and contracts which are submitted by construction companies.
  - Consulting Engineer in process of reassemble and assemble (2) pumps from Nasr (2) poster to Nasr (1) poster with all Accessories.
  - Site Engineer in process of Replacement and renewal water building in Elamria water station.
  - Site Engineer in process of buildup Elcronfel poster in new Cairo city by Great Cairo Water Company (GCWC).
  - Site Engineer in process of supply and installation Water hammer system in Nasser (2) in poster in Elmokattam region (valve system).
  - Site Engineer in process of Replacement and renewal water building in Road Elfarag water station.
  - Site Engineer in process of Replacement and renewal pumps of water in Elfustate intake.
  - Testing mechanical equipment (pumps, valves, pipes, mechanical crane).
  - Site Engineer in process of buildup Tie tower system to protect against chlorine leakage in Elamiria station (GCWC).

**Job title** : MEP Design Engineer (HVAC – Firefighting – Plumbing) (Freelancer)

- Job Description** :
- Plumbing skills:
    - Design water system of Buildings.
    - Design sewer derange system of Buildings.
    - Design Rain water derange system of Buildings.
    - Design plumbing system according to (International plumbing code - American Society of Plumbing engineering - Egyptian Plumbing code).
    - Able to supervise the implementation of Plumbing projects.
  - Firefighting skills:
    - Design different firefighting systems.
    - Design firefighting system according to (NFPA).
    - Make data analysis of firefighting system with elite program.
    - Able to supervise the implementation of firefighting projects.
  - HVAC skills:
    - Load heat estimation by HAP program.
    - Design different HVAC systems (Decorative – Concealed – Vrf - chiller system).
    - Design duct sizing by design tools duct sizer and macway program.
    - Able to supervise the implementation of HVAC projects.
    - Able to inventory work on the site.