



## PROFILE

# *Eng. Mohamed Ibrahim Mohamed*

## Senior Mechanical Engineer

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**Job Profile :** Senior Mechanical Engineer with over 10 years of experience in MEP projects with specialization in Fire Fighting, HVAC, Plumbing & Drainage works from bidding through completion by providing overall direction, coordination, and implementation through various stages of the project viz bidding, engineering, procurement, execution, testing, commissioning and handover of the projects.

I have contributed to the implementation and supervision of many mechanical projects in Egypt, Qatar & KSA in several high-rise buildings, residential buildings, factories and hospitals as a Site Mechanical Engineer

## Total Work Experience (10 Years)

( Qatar - 4 Years & 1 Month ) , ( Saudi Arabia - 2 Years & 3 Months ) , ( Egypt - 3 Years & 10 Months )

## Experience Record

### 1 - Safety Innovations Co.

**Saudi Arabia**

Job Title: Senior Mechanical Engineer  
( Fire Fighting & Fire Alarm)

Nov. 2016 - Present

#### Responsibilities:

Studying and analyzing the projects in accordance with the requirements of NFPA and the requirements of the Saudi Civil Defense

Supervision of work done in sites for the fire fighting and fire alarm systems, review work activities throughout project life cycle based on NFPA, project's contract, agreements, technical specifications & mechanical standards

Independently handled estimation, costing, installation, preventive maintenance, troubleshooting, testing and commissioning

### 2 - Saudi Consolidated Engineering Co. (Khatib & Alami )

**Saudi Arabia**

Job Title: Site Mechanical Consultant Engineer

Sep. 2014 - Nov. 2016 (2 Years & 2 Months)

#### Responsibilities:

Handling Mechanical projects (HVAC, Fire Fighting, Plumbing ...etc)

Supervision of work done in sites by contractor for the mechanical systems, review mechanical activities throughout project life cycle based on project's contract, agreements, technical specification, mechanical standards & codes

Coordinating with mechanical services and leading the project as per the civil work program.

Monitoring, field coordination & resolve the problems related to construction, and mechanical installations in line with the specifications approved requirements and project standards

Attending project progress / site meetings

Knowledge & Implementation of various international codes & standards related to MEP works with ASHRAE, SMACNA, NFPA, UPC ... etc.

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### Implemented projects for MOI (King Abdullah Project KAP 1)

|  |            |                              |          |
|--|------------|------------------------------|----------|
| 1- Civil Defense Section                   | (11 Sites) | 2- Forensic Building         | (1 Site) |
| 3- Police Administration Building          | (1 Site)   | 4- Traffic Division Building | (1 Site) |
| 5- Patrol Dispatch Administration Building | (1 Site)   |                              |          |

### 3 - Alfa Engineering Projects Co.

**Egypt**

Job Title: Site Mechanical Engineer

Nov. 2013 - Aug. 2014 (10 Months)

#### Responsibilities:

Coordinating with mechanical services and leading the project as per the civil work program.

Monitoring, field coordination &amp; resolve the problems related to construction, and mechanical installations in line with the specifications approved requirements and project standards

Project planning of Mechanical works with manpower, material procurement &amp; resources

Complete handover of the project with as-built drawings &amp; documents

#### Implemented projects

 1- Shanawany Wood Store (6<sup>th</sup> of October)

### 4 - Miratech Trading & Contracting Co.

**Qatar**

Job Title: Site Mechanical Engineer

Sep. 2009 - Oct. 2013 (4 Years &amp; 1 Months)

#### Responsibilities:

Monitoring, field coordination &amp; resolve the problems related to construction, and mechanical installations in line with the specifications approved requirements and project standards

Project planning of Mechanical works with manpower, material procurement &amp; resources

Attending project progress / site meetings

Complete handover of the project with as-built drawings &amp; documents to the consultant and then to Qatar Civil Defense Department QCDD

Independently handled estimation, costing, installation, preventive maintenance, troubleshooting, testing and commissioning

Team leadership following health &amp; safety measures

Allocation of manpower &amp; material as per the project requirements, Attending technical and site meetings

#### Implemented projects

|   |                       |  |                       |
|---|-----------------------|--|-----------------------|
| 1- Qatar Tower 3B+G+32+2+M                    | (West Bay - Doha)     | 2- Al Baker Executive 2 Towers               | (West Bay - Doha)     |
| 3- 6 No. Residential Buildings B+G+7          | (Bin Mahmud - Doha)   | 4- IPDC Meat Processing Plant                | (New Industrial Zone) |
| 5- MIDMAC TARMAC [Asphalt Plant]              | (Mesaieed)            | 6- FBA Ready Mix Concrete Plant              | (Mesaieed)            |
| 7- Khalid Cement Ready Mix Concrete Plant     | (Ras Laffan)          | 8- Al Wataniya Ready Mix Concrete Plant      | (Ras Laffan)          |
| 9- FBA Steel Factory                          | (New Industrial Zone) | 10- FBA Carton Factory                       | (New Industrial Zone) |
| 11- Al Sati Bags Factory                      | (New Industrial Zone) | 12- 4 No. Apartments Hotel Building 2B+G+M+7 | (Al Sadd)             |
| 13- International Bank of Qatar IBQ           | (Al Sadd - Doha)      | 14- Prime Minister Palace                    | (Al Wagba)            |
| 15- 10 No. Stores & 6 No. Labor Accommodation | (Industrial Zone)     | 16- The Middle East Factory for Blocks       | (Industrial Zone)     |
| 17- 2 No. Al-Kawari Residential Buildings     | (Bin Omran - Doha)    | 18- 2 No. C155 Residential Buildings         | (Bin Mahmud - Doha)   |
| 19- Noor Al Khalij School J86                 | (Al Nuija - Doha)     | 20- Hassanesco Residential Building          | (Old Airport - Doha)  |

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## 5 - Miratech Fire Protection Systems Co.

Egypt

Job Title: Site Mechanical Engineer

Mar. 2007 - Sep. 2009 (2 Years &amp; 7 Months)

### Implemented projects

|  |  |
|--|--|
| 1- Air Forces Hospital                               | (5 <sup>th</sup> District)             |
| 2- El Masria for Wood Trading and Production Factory | (6 <sup>th</sup> of October)           |
| 3- Al Hadary Medical Center                          | (Zahra Nasr City)                      |
| 4- Oncology Hospital                                 | (7 <sup>th</sup> District - Nasr City) |
| 5- Oncology Hospital                                 | (Suhag)                                |
| 6- Luxor General Hospital                            | (Luxor)                                |

## 6 - Bermad Middle East for Control Valves

Egypt

Job Title: Sells Engineer

Sep. 2006 - Mar. 2007 (6 Months)

## Education

|                  |   |
|------------------|---|
| Qualification:   | B.Sc. Engineering (Faculty of Engineering - Cairo University) |
| Department:      | Mechanical Power Engineering                                  |
| Graduation Year: | 2005  |

## Certifications and Practical Experiences

Experience certificate from Miratech Company (Egypt Branch 2007 - 2009)

Experience certificate from Miratech Trading &amp; Contracting Company (Qatar Branch 2009 - 2013)

Qatar Civil Defense Departement Certificates (2009, 2010, 2011, 2012 &amp; 2013 ID 28181806849)

Certificates from ministry of municipality and urban planning, Qatar (2011-2013 &amp; 2014-2015 ID 2925)

Engineering Accreditation Certificate from Saudi Council of Engineering (Professional degree ID 216200)

Experience certificate from Saudi Consolidated Engineering Co. (Khatib &amp; Alami) (2014 - 2016)

## Basic Skills

### Languages

 Arabic (Mother Tongue) - Degree: Excellent  
 English (Working Knowledge) - Degree: Very Good

### Computer Skills

|                               |                     |
|-------------------------------|---------------------|
| Microsoft Office              | AutoCAD             |
| Hourly Analysis Program (HAP) | Block Load Software |
| Duct Calculation Software     | Duct Sizer Software |
| Elite Fire Program            | Pipe Flow Wizard    |
| Beta Software                 | Photoshop           |

