

Project Name: **Upgrading of Fire Alarm System at Mesaieed Industrial City (MIC)**  
Client: **Qatar Energy**  
Contractor: **Defensa Project Support and Supply Company**

### Mesaieed Industrial City

The City is approximately 104 km<sup>2</sup> in area and approximately one hour commute by road south of Doha. The city is the base of Qatar's gas processing, refining, petrochemical and metals industries.

Oil and Gas to the industries in MIC are received from RAS Laffan and Dukhan.

- The major facilities available in MIC are:
- Mesaieed Port
- Land for heavy and medium industries
- Fire, rescue and emergency response services
- Hazardous waste treatment centre
- Electrical power (managed by Kahramaa)
- Worker's accommodation
- Medical centre
- Staff housing (villas and apartments)
- Schools, Shopping malls



### Project over view

Qatar Energy has thirty-three (33) identical blocks / low-rise multi-story buildings for Junior Bachelor (JB) staff accommodation, each consisting of eight (8) flats, comprising of a total of two hundred sixty-four (264) flats in a compound at MIC. Each JB staff accommodation block consists of ground plus three floors and one mechanical room for elevator, in the roof. Each flat has two bedrooms with toilets, living room with open kitchen and storage room.

The JB staff accommodation blocks have only one standalone heat detector (battery operated) system installed in the living room of each flat. Project objective is to install a new addressable fire alarm system for each 33 buildings

Type of building: Residential building – for Qatar Energy staffs

Building size: There are 33 buildings in total - all of the buildings are identical  
Each building consists of four levels - Ground floor + 3 floors (each building consists of 8 flats).  
In total—264 flats

Residential building reference pictures

