



Fire & Hazard Control (FHC) is a leading manufacturer of custom designed & integrated fire protection equipment with over two decades of experience in industrial and commercial applications across the MENA region. Our manufacturing facilities are operated by competent engineers with up-to-date fabrication equipment allowing us to design, produce, and assemble a wide range of fire and safety products and systems.

FHC products and systems are used in Oil & Gas, Petrochemical, Drilling, Mining, Maritime, Power & Water Treatment, Construction and Defense sectors. FHC has deep knowledge in the requirement of these sectors supported by close relationships with world-known manufacturers in the field of fire protection as well as world class services from engineering to full-scale production.

## ***HOLLOW METAL DOORS AND FRAMES***

# HOLLOW METAL DOORS AND FRAMES



FHC was established in 2008 to produce metal sheet products and customized utility and special purpose vehicles.

FHC has the capabilities to design and produce various sizes and shapes of standard and custom-built sheet metal products using computerized numerical control machines for high precision, accuracy and an ultimate finish.

With our commitment to meet market demands, we have expanded our footprint, reaching more than 250,000 sq. ft. of manufacturing facilities operating with three state-of-the-art plants.



## Technical Services

FHC puts its engineering capabilities with drawings and 3D modelling at the services of its customers during the design and engineering phase. Whether the product is standard or bespoke, computerized programming enables us to design and control the manufacturing process to ensure accuracy in terms of quality and delivery times.

FHC also sets its expertise in hardware selection at the services of its customers by offering recommended services, helping to select what matches their requirement of doors and its related hardware.



## Excellence through Quality

The culmination of our experience, investment, and professional integrity allows us to deliver to our customers excellence through quality and service. Our activities are executed under the ISO 9001:2015 quality standards, independently audited, to ensure that our service is maintained at the highest level.





## Description:

Our doors cover various types and sizes of steel and lead lined doors, double and single swing, fire rated and manufactured as per highest international standards meeting ANSI, SDI, HMMA and NFPA.

All our doors are supported with robust frames to maximize the protection level. Our frames are constructed of quality cold rolled steel ASTM A366 or hot dip galvanized steel sheet ASTM A526, G90 for various thicknesses of doors, with the specifications conforming to SDI-111A.

In addition, we provide a variety of the highest quality hardware, which is a perfect fit for each door and provides the best operation for its specific job.

Each product has been tested with Underwriters Laboratories in accordance with UL10b and UL10c standards.

## Features:

- Fire Rated for  $\frac{3}{4}$  Hours, 1  $\frac{1}{2}$  Hours and 3 Hours.
- Steel or Lead lined (for radiation isolation).
- Customized dimensions.
- Provided with Hardware/ provision, vision panel and/ or louvers.
- Multiple Fire Rated/ Non-rated cores.
- Multiple finishing options: liquid or powder coating.
- Welded, knocked down, architectural entrances, sidelights and borrowed lights matching frames.
- Door hinges, locks, closers, emergency push bars.



# HOLLOW METAL DOORS AND FRAMES

## PRODUCT TYPES

### Single Door

- **FR-100 Series**
  - Honeycomb core door
- **NFR-100 Series**
  - Honeycomb core door
- **FR-200 Series**
  - Stiffened Door with fiberglass insulation
- **NFR-200 Series**
  - Stiffened Door with fiberglass insulation
- **FR-300 Series**
  - Stiffened Door with Rock wool insulation
- **NFR-300 Series**
  - Stiffened Door with Rock wool insulation
- **NFR-400 Series**
  - Polyurethane core door



### Double Door:

- **FR-D-100 Series**
  - Honeycomb core double door
- **FR-D-200 Series**
  - Steel stiffened double door with fiberglass insulation
- **FR-D-300 Series**
  - Steel stiffened double door with Rock wool insulation
- **FR-D-400 Series**
  - Polyurethane core double door



**FHC-FD-100**  
*Honeycomb Core*



**FHC-FD-200**  
*Steel Stiffened  
with Fiberglass*



**FHC-FD-300**  
*Steel Stiffened  
with Rock Wool*



**FHC-FD-400**  
*Polyurethane Core*