



HSE REQUIREMENTS FOR BLACKSMITHING AND WELDING



HSE requirement for blacksmithing and welding workshops

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Several operations of cutting, welding and scraping are carried out on the metal to form different geometric metal figures and shapes.

In addition to adhering to the general requirements of environmental, the following requirements must be met.

Location and area:

- The site must be within the industrial zones
- Ensure the activities of neighboring facilities so that they are similar such as mining industries.
- The area is not less than 150 square meters.
- The shape of the facility is a closed inch.

The safety and internal environment of the facility:

- Providing a certificate to comply the safety requirements of the civil defense
- Providing personal protective equipment to employees such as special muzzles, shoes, gloves and any equipment required by the nature of the different stages of work.
- The floors must be concrete and smooth and there are no cracks,
- The various guidance and warning signs should be attached in clear places for all those working in Arabic and English and in any appropriate language when required.
- All machinery and equipment must be subject to periodic inspection and replacement of any damaged part.
- Providing tow fans of at least 45 cm (18 inches) to activate the ventilation process in the facility
- to be non-implemented floors with a concrete character
- provide suitable lighting
- working room for the air compressor
- provide specific places for raw materials and final production materials
- provide cooling devices in the summer period inside the facility
- provide iron cages for welding gas cylinders and provide a mobile unit for transportation