



HSE REQUIREMENTS FOR FURNITURE INDUSTRY



HSE requirement to Furniture industry

An industrial process in which wood is used as a raw material and basic and goes through several stages of cutting, publishing, bending, polishing, dyeing and processing the finished product.

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

Location and area:

- The site must be within the industrial zones
- The area is not less than 200 square meters
- The shape of the facility is a closed inch

Safety and internal environment of the facility:

- Providing a certificate to comply the safety requirements of the civil defense
- The various signs and warning signs should be attached in clear places to all those working in Arabic and English languages and in any appropriate language when required.
- All machinery and equipment must be subject to periodic inspection and replacement of any damaged part.
- Use of vacuum pump hose pump system
- Providing the necessary ventilation inside the facility.
- Industrial workers should be obliged to use safety and personal protection tools and equipment as follows:
 - ✓ Body protective clothing (PVC, polyurethane suits) or others.
 - ✓ Wear a safety helmet to protect against collision and damage caused by penetration of the worker's head.
 - ✓ Identify the storage areas of raw materials and storage areas of the final produced materials so that the height of the storage does not exceed two and a half meters and the safe passages (not less than one meter) are specified for forklifts and employees of the facility with distinctive linear markings for these corridors.
- The work space in the facility is shaded and must provide dedicated places for the machines used in the process of deployment and cutting in addition to the grinding machine so that it is placed in closed places equipped with filtered pull fans, and filter bags are cleaned periodically
- The floor of the facility is covered with an unexecuted insulator
- Electrical wiring is arrangement in accordance with the system of security, safety and environment in a manner that does not affect or affect the movement of workers and mechanisms.
- An automatic fire extinguisher is installed and distributed to work areas, raw materials and products in a way that facilitates the handling of fires while providing small fire extinguishers

elsewhere.

- Provision of an initial aid fund.
- Secure a private room for the comfort of workers and dining.

Emissions and external environmental protection:

- Provision of special dye rooms with a towing system and controlling gas emissions
- Provision dust collector system
- Periodic and rapid disposal of sawdust and empty paint cans to be clean.
- Dispose of paint residues in a proper manner under the supervision of the Environmental Protection Department.
- In the case of effluents exceeding the permissible ratios of discharge to sewage through sampling for laboratory testing in the environment laboratory, they are considered difficult residues that need initial treatment approved by the Department of HSE
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Environmental studies and necessary measurements:

- Submit a work plan to the Health, Safety and Environment Department for approval.
- Submission of an Environmental Impact Assessment Study (EIA) for projects with an area of more than 150 square meters through the environmental companies accredited by the Health, Safety and Environment Department.
- It is not permissible to practice the activity before the approval of the environmental impact assessment study of the facility.
- Regular samples of solid and liquid wastes resulting from industrial activity are taken periodically and examined at the Environmental Laboratory of the Municipality of Ajman. Measurements of pollutants (based on the requirements of Federal Law No. 24/1999) are made periodically at the site (internal and external environment) by companies approved by the Health, Safety and Environment Administration.

General requirements:

- The management of the industrial facility should carry out self-monitoring of the environment aspects of the facility, and to ascertain the environmental indicators and the extent of their change periodically.
- In the event of any expansions, addition of any new industrial activity or change of any industrial process, the property sector/Department of Health and Environment should be notified to assist in the technical aspects of environmental purposes.
- If any adverse environmental indicators are observed in the internal or external environment of the facility, the HSE is notified to assist in evaluating the status of the indicator and developing appropriate technical solutions.