



HSE REQUIREMENTS FOR CLOTHES



المتطلبات الصحة والسلامة والبيئة لنشاط صناعة الملابس

HSE requirement for clothing industry activity

Description of the industrial process:

- **Single cloth process:** The cloth is individualized on multiple layers by a special machine using a movement vehicle that stacks the layers of the cloth over an extended table, and the basic cloth of the cloth is individualized and the lining cloth is individualized.
- **Place the formation board (albatron):** Place the patron of the desired product over the cloth in a certain order that achieves a low loss ratio and is fixed over the cloth with special clips.
- **Cutting:** The multi-layered cloth is cut and according to the patron installed using electric scissors hand-moved around the patron and resulting in large numbers of clothing parts.
- **Pasting padding:** The filling material are glued to the parts of the clothes to be strengthened using a special heat piston.
- **Sewing:** Clothing parts are grouped together using high-speed industrial sewing machines, and the lining of the garments is assembled by sewing as well.
- **Ironing:** The garments are finished by ironing to remove any wrinkles or cracks in the cloth and give the clothes a perfect appearance.
- **Packing:** In this process, ready-made clothes are filled according to sizes and colors and according to the customer's request in plastic bags and then two balls written on the number of pieces and sizes and the country of manufacture.

In addition to the general guidelines of environmental institutions

Location and area:

- The site must be within the industrial zones
- Ensure the activities of neighboring facilities so that they are similar.
- The area is not less than 100 square meters.
- The shape of the facility is a closed inch.

The safety and internal environment of the facility:

- Providing a certificate of compliance from 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.
- The floor should be of a smooth and insulation material that is easy to clean.
- Equipping work areas with suitable industrial size pull-out fans so that ventilation is suitable and adequate in the work areas.
- The intensity of the lighting is suitable in the facility.
- Provide an effective suction unit system (suction unit system) with filters to treat the problem of fuzz capillaries resulting from the process of cutting and knitting, and the fumes of the chemical adhesive resulting from the process of pasting the linings for some parts of the clothes
- Electricity extensions must be in accordance with the security and safety system in the working environment and be unaffected or affecting the movement of workers and machinery in the establishment.

Emissions and External Environmental Protection:

- Providing filter units to control and reduce pollutants for the external environment.

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 and It is not permissible to practice the activity before the approval of the environmental impact assessment study of the facility.
- (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.

Environmental management is a shared responsibility:

- 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 department of HSE should be informed 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 Environmental Protection Department is notified to assist in evaluating the status of the indicator and developing appropriate technical solutions.