

# JOB ROLE – HAND EMBROIDERER

Sector – Apparel, Made-Ups and Home Furnishing  
(Qualification Pack Code: AMH/Q 1001)



PSS Central Institute of Vocational Education Shyamla  
Hills, Bhopal – 462 013, Madhya Pradesh, India

# **UNIT 5: SAFETY, MAINTENANCE AND ORGANISATIONAL HAZARDS**

## **Session 1: Organisational Hazards and Safety Measures**

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# Session Objectives

**The students will be able to:**

- Practice safety measures and precautions against using tools and machines while doing embroidery
- Follow policy measures to reduce the illness and diseases

# Introduction

While handling tools and machines, employees should follow safety instructions. Before using any tool or machine, the embroiderer should be trained in safe working practices.

# Safety Measures and Precautions

Before using any tools and machines, the embroiderer should be trained in safe working practices. Their training should cover the following:

**against  
scissors**

**against  
needles**

**while using  
spray guns**

**while ironing**

**while storing  
chemicals**

# Preventing Accidents with Scissors

- These occur when scissors slip while working or are not stored properly
- Avoid talking while working with scissors
- Don't carry scissors in pockets while moving here and there, going to washrooms

# Preventing Accidents with Scissors

- Store scissors in closed boxes or racks when not in use
- Use antiskid mats and wear proper footwear to avoid falling and getting hurt from scissors



# Preventing Accidents with Needles

- Don't hold needles in teeth, behind ears or in pockets while working
- Wear thimble to avoid needle pricks
- Store needles and pins properly in closed boxes when not in use
- Do not leave needles in open such as on work table, sewing machine

# Spray Guns

- These are used for stain-removal from fabrics
- These guns use chemicals and strong cleaning fluids
- If inhaled it can cause dizziness, headache, dryness of the skin

# Preventing Accidents with Spray Guns

- Train the workers in the use of spray gun
- Spray the cleaning fluid onto a rag and then use the rag on the garment
- Use nose or face mask

# Safety Measures while Ironing

- Be very cautious and mindful while working with a hot iron
- Check the cord and the plug regularly
- Wear footwear made of insulated material while ironing
- Don't work with wet hands or on a wet floor

# Safety Measures while Ironing

- Place the iron on a heat-resistant stand always
- Select appropriate temperature setting as per the fabric
- Always switch-off and unplug the iron when not in use

# Safe Storage of Chemicals

- All chemicals should be stored properly in well labeled containers
- Training of workers for safe handling, mixing and proportion of chemicals
- Provision of proper ventilation and protective tools such as goggles, gloves etc. for working with chemicals

# Provision of Adequate Lighting

- Adequate lighting area at work tables and machines would help in avoiding eyestrain

# Prevention of Ergonomic Injuries

- Working for long hours, in the same position should be avoided
- Provision of clean, well lit and well ventilated workplace
- Use of ear plugs to avoid loud noise
- Work area should have a proper working height and sitting arrangement



# Commonly Associated Problems and Threats with Embroidery Units

- wage discrimination between males and females
- long working hours, no paid leaves
- lack of recreational facilities, health facilities and daycare for children of female workers

# Commonly Associated Problems and Threats with Embroidery Units

- Chest infections
- Low light environment, shortage of protective eye glasses leading to eye problems
- Prolonged sitting and repetitive strain injury

# Commonly Associated Problems and Threats with Embroidery Units

- Lack of positive and hygienic working atmosphere
- Harassment- sexual, mental
- Lack of washrooms and rest areas
- No provision of clean drinking water, refreshment

# Safety Signage or Symbol

A signage or symbol is a picture, written word, sound or mark representing a message

There are two types of symbols:

- safety symbols
- navigation symbols

➤ Symbol for “explosives or an explosion hazard”



➤ Sign to prohibit “flames and smoking”



➤ Sign indicates “flammable gas”



➤ Hazard symbol for “nonflammable gas”



➤ Sign for “protective eyewear”



➤ Sign for “eye protection required”



➤ Symbol for “gloves required”



➤ Sign for “protective footwear”



➤ Sign for “protective clothing”



➤ Sign for “ear protection required”



➤ Sign for “fire extinguisher”



➤ Symbol for “first aid”



➤ hazard symbol for “toxins”



➤ hazard symbol for “corrosive substance”



➤ Symbol for “fire exit”



➤ hazard symbol for “harmful or irritant substances”





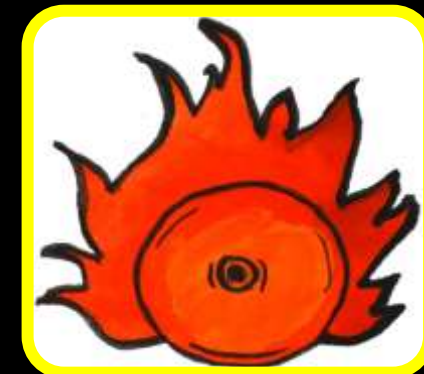
➤ hazard symbol for “flammable”



➤ “warning” sign



➤ Sign for “fire alarm”



# Policy Measures

to reduce work-related illness and diseases:

- Working in shifts (two-shift system)
- Proper implementation of labour laws such as health insurance, leaves etc.
- Counseling for building awareness about occupational hazards and its prevention
- Provision of medical camps, dispensary, doctor etc. in the premises

# Summary

In this session, you have learnt about the safety measures and precautions at workplace, signs and symbols for safety and policy measures for ensuring safety .

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