

HIMACS Safety Rules

HM2010

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Introduction

This section guide general safety rules within LX Hausys HIMACS fabrication and installation.

Overview

For your own safety, read this section before operating different tools and different equipment in various work condition. Always respect national and local safety instructions of tools, equipment and work area you may using and follow the legal requirements. The information in this section is generally accepted minimum safety considerations within the surfaces fabrication and installation industry and are not intended to be all-inclusive or to limit or restrict additional safety means and methods.

Note !

- 1. This guideline has been created to provide technical information for successful fabrication and installation of HIMACS, and it is intended to be used in a safe environment considering their own discretion and risk by who has technical skill for fabrication and installation of HIMACS.*
- 2. This guideline is continually revised to provide reliable and up-to-date information, replacing all previous versions of the guideline and technical information, however the usage and conditions of use are beyond LX Hausys control, LX Hausys cannot guarantee the suitability of material, fabrication and installation for all usage and conditions of use. Users should not regard or rely on this guideline as a complete, sole, up-to-date or absolute information. HIMACS users, fabricator and installer should review whether the design for HIMACS, fabrication method, installation method and required performance are suitable for the intended use and conditions of use. LX Hausys shall not be liable for any direct or indirect, commercial damages or losses caused by the fabrication and installation results of HIMACS using any or all of these guideline. In addition, the results of joining with other materials, and the fabrication and installation guidelines for other materials shall not be covered by LX Hausys.*
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Contact LX Hausys HIMACS territory manager or distributor of your market for specific questions and information.

1. Personal Protective Equipment and Standard

- First aid supplies should be placed.
- Wear protective dust masks, eye and ear protection. Prescription glasses is not protective glasses.
- Wear gloves that suit your work. But, don't use gloves when you handling rotating tools.
- Wear steel-toed safety shoes.
- Never wear jewelry like bracelets, chains, or loose clothing like neckties, scarves, long sleeves that can be get caught in moving parts of equipment while working. Long hair should be contained in protective hair cover.
- Follow the policy on limited direct skin exposure to adhesive materials.
- M.S.D.S. sheets should be reviewed and understood by all employees.

2. Fire Plan

- Entrance and Exit passage ways should be not obstructed and are visibly displayed.
- Fire doors should be clear from blockage, i.e., security chains, etc.
- Flammable products like solvents and chemicals should be stored in explosion proof cabinets. Find the exact storage method at the MSDS.
- Seaming materials (adhesive) should be stored in cool place.
- Designate and clearly mark smoking as well as non-smoking areas. And, don't smoke in working area.
- Properly specified fire suppression or extinguisher system including sprinklers are needed.
- Inspect fire equipment on a regular basis.
- Make fire evacuation plan and responsibility assignments.

3. Work Environment

- Make safe work area and keep well ventilated, clean, dry and well light. Avoid work in damp, wet, dirty place without proper preparation.
- Keep proper and continuous room temperature (15 ~ 25°C) in work area during working.
- Lighting should be adequate for working conditions and maintained.
- Care ventilation and dust extraction equipment including routinely cleaning/replacing filters, keep work tables and floors clean, swept and orderly.
- Designate a tool crib for hand tools, bits and supplies to maintain production efficiency.
- Minimize obstructions on floor.
- Make certain to eliminate slip factors on the floor surfaces, and thoroughly wipe up spills to eliminate accidental slips and falls.
- Water should be keep away from the place handling HIMACS. Water barriers should be installed and visibly marked for worker awareness.
- Keep all visitors at a safe distance from the work areas. Visitors should be escorted by trained manager.
- Keep children away from work area.

4. Electricity Management

- Install proper electrical service requirements for specified shop equipment.
- Clearly mark and identify shop circuits on electrical panel.
- Maintain electrical breakers and panels.
- Make certain all equipment cords and electrical extension cords are in perfect working order and are free from defects, frays, and bare wiring that could result in a shock or short.
- Make certain electrical cords are rolled and outlets are clean and operational. Any defect should be serviced and replaced immediately upon notice of deficiency.
- Portable electrical hand tools should be double-grounded, ground fault equipped, and/or double- insulated.
- Make sure junction boxes and wiring are to code and are covered and closed.
- Emergency shutdown switch should be installed and operational (master and individual).

5. Equipment Management

5-1. Right use

- Use right equipment for the job and routine production of HIMACS.
- Read the instruction manual of the equipment for the correct, efficient and safe use before operating it.
- Use recommended accessories only. Hazards may be caused by the use of improper accessories.
- Don't force equipment for not designed performance and speed.
- Make proper operating and training system, so that the right user information can be maintained and succeeded.

5-2. Care

- Avoid operating equipment with dull blades and bits. Maintain tools in top condition, sharp and clean for the best and safest performance.
- Remove dust on equipment, accessories and systems by all means possible.
- Clearly mark or label movable equipment and accessories.
- Mark moving or rotating parts of shop equipment.
- Install safety mechanisms on power equipment for emergency shut offs. Starter keys, master switches and padlocks should be placed and cared.

5-3. Safe Habit

- Check damage of equipment every time before use.
- Make sure the switch is in the off position before plugging in.
- Check and remove adjusting keys and wrenches before turn on.
- Never leave tools running unattended – turn them off until they come to a complete stop
- Disconnect tools from all power sources before changing accessories such as blades, bits, cutters or before servicing.
- Don't overreach, lean or stand on equipment while it's running.
- Never use any tools when you are under bad mental or body condition by hard work, stress, alcohol, medication, drugs, etc.

6. Material Handling

- HIMACS sheets should be carried by two persons, one at each end of the sheet. Do not flex the sheets. Wear heavy duty gloves and if appropriate, use lifting straps.
- Fasten HIMACS sheets tightly on the working table or structure with clamps and vices while you work on it.
- Keep proper footing and balance at all work area all time.
- Don't stack products too high. Stack them in a way that is easy and safe to reach.

7. Environmental Standards

- Designate a special place for disposal of hazardous chemicals, waste seam adhesive, etc.
- Establish a policy of not disposing liquids, adhesives or chemicals in common trash unless catalyzed. Rags with chemicals should be cared for so as not to create fire hazard.
- Dust and particles of material should be placed in a covered litter receptacle.
- If you vent your dust collectors outside, seek permission necessary to do so.

Note!

It can be assumed that many countries have their own safety regulations, due to their industry characteristics and environmental condition. Therefore, please find and follow first the safety rules of the country in which your work area belongs.

Always keep in mind
Safety first! - Think twice before you do!

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