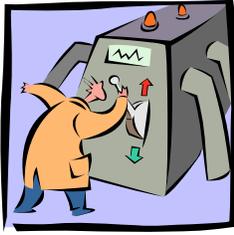


Controls for Risk Factors Relating to Equipment



- Leakage
- Misuse
- Faulty equipment
- Position
- Stability
- Footwear
- Furniture

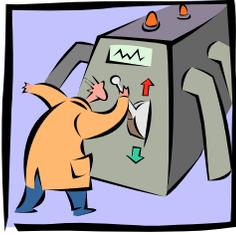
Engineering Controls

- Fix or replace faulty equipment.
- Locate equipment in an area where it does not jut out into walkways.
- Provide the proper equipment for the job (e.g. provide ladders that are tall enough to reach the required heights without jury-rigging).
- Fix leaky pipes and clogged drains that may cause water to drip or spill onto walking surfaces.
- Locate in low traffic areas equipment that is likely to leak liquids.
- Locate equipment such as valves at ground level to prevent the need to work on them at height.
- Build escalators with low-friction sidewalls to prevent shoes from sticking on them.
- Install emergency shutoff switches at the top and bottom of every escalator.
- Install on escalators sensory devices that detect foreign objects and shut the escalator off automatically.

Administrative Controls

- Provide education and training on the proper use of tools and equipment.
- Keep tools and equipment clean and well-maintained.
- Inspect equipment and tools regularly.
- Keep thorough records of your inspections and maintenance.

Controls for Risk Factors Relating to Equipment—continued



- Leakage
- Misuse
- Faulty equipment
- Position
- Stability
- Footwear
- Furniture

Administrative Controls —continued

- Regularly move waste, debris and scrap that come from using and maintaining the equipment.
- Keep walkways free of cords, wires, cables, open drawers and other obstacles.
- Provide signs reminding employees of proper operation of equipment.
- Require employees to complete equipment maintenance checklists regularly.
- Provide barricades and warning signs to isolate equipment that may be a tripping or stumbling hazard.
- Provide sufficient containers throughout the organization so that trash and oily rags from equipment maintenance don't accumulate in walkways or on walking surfaces.
- Have written rescue procedures for employees who fall from ladders and scaffolding equipment.

Personal Protective Equipment

- Make sure that mobile equipment has seat belts and roll bars.
- Ensure that extended ladders have safety platforms.
- Provide fall-arrest equipment to employees working on elevated equipment (e.g. cherry pickers, extended ladders, scaffolds).
- Install guard rail systems.
- Install toe boards.
- Use nets.