

Controls for Risk Factors Relating to the Environment



- Light
- Floors
- Floor coverings
- Stairs and escalators
- Clutter
- Weather
- Sidewalks
- Ramps

Engineering Controls

- Install adequate lighting in all walkways including high traffic areas, hallways, parking lots, sidewalks, stairs and ramps.
- Mark clearly aisles, passageways, stairs and escalators.
- Install floors that resist slipperiness under typical work conditions (e.g. if a work area typically has a wet floor, then the floor should resist slipperiness in wet conditions).
- Replace walkways when they start to crack, crumble and heave.
- Anchor carpeting and mats so that they lay flat and stay secure.
- Replace worn and frayed carpets.
- Install a high-traction floor.
- Apply a high-traction floor treatment, cleaner or coating.
- Design the workplace so that it is all on one level.
- Install stairs of uniform size and shape.
- Provide handrails for all stairs, stairwells, escalators and ramps.
- Provide lighting at top and bottom of escalators for visibility.
- Design stairs so that stair bottom is clear of swinging doors.
- Install covers or guard rails for floor and wall openings.
- Clearly mark surface changes such as door thresholds, minor changes in floor elevation, and speed bumps in parking lot.
- Install gutters where run-off will not freeze on walking surfaces.
- Install slip-resistant adhesive strips on slippery steps.

Controls for Risk Factors Relating to the Environment—continued



- Light
- Floors
- Floor coverings
- Stairs and escalators
- Clutter
- Weather
- Sidewalks
- Ramps

Administrative Controls

- Establish a documented, scheduled program for checking lights.
- Replace broken and burned out lights immediately.
- Develop a floor cleaning and maintenance schedule.
- Keep walking surfaces clean and dry.
- Maintain sweep logs to ensure cleaning is done regularly and on schedule.
- Clean spills immediately.
- Form and use “spill watch” action teams.
- Install surveillance cameras to detect spills in high-spill areas.
- Have a documented, scheduled program for stripping floors and reapplying slip-resistant treatments.
- Keep walkways and stairwells free of clutter.
- Place signs and barriers around walking hazards.
- Audit floor surfaces regularly to monitor slip resistance levels.
- Hold supervisors and managers accountable for keeping their work areas free of hazards.
- Train custodial staff in the proper use of chemicals to clean and treat floors.

Personal Protective Equipment

- Provide goggles to reduce glare in areas with intense light.
- Provide or require employees to wear slip-resistant shoes.