

Machinery and Electrical Hazards

Wineries contain machinery in the crush pit, bottling and warehouse areas that require safeguarding and safe work practices to prevent crush, caught in, and amputation injuries. Electrical power of 440 volts is also common, and that coupled with wet conditions demands strict attention to electrical safety.

If you must lift manually, get help from other employees, if possible

Tips for proper manual lifting:

- Safeguard all machinery that can create a hazard to the operator. Safe guarding includes:
 - barriers and guards that prevent contact with machinery
 - mechanical or electronic devices that restrict contact (presence-sensing, restraining, or tripping devices; two-hand controls, or gates)
 - feeding and ejection methods that eliminate part handling in the hazard zone
 - awareness signs that do not provide physical protection, but warn of a danger area
- Have a written, implemented Hazardous Energy Control-Lockout/Tagout Program. This program should include a general machinery shutdown/isolation/securing procedure, designation of authorized employees, and training requirements for authorized and affected employees.
- Train all employees in the proper and safe operation of machinery prior to operating equipment.
- Prohibit employees from operating any machinery including bottling lines, crush pad equipment, or conveyors if guards are not in place.
- Prohibit employees from operating any machinery if lockout/tagout is in process.
- Require employees to report machinery or equipment that is in need of repair or that is unsafe to use. This includes machinery without guards in place, and damaged cords and connectors for equipment.
- Prohibit unauthorized employees from performing maintenance on machinery such as the bottling line while machinery is operating. Lockout/tagout procedures should be in place for service or repair work.
- Prohibit machine operators from wearing loose hair, loose clothing or jewelry.
- Require employees to plug in equipment only when their skin is dry.
- Require employees to wear personal protective equipment on the bottling line: eye protection for broken glass, hearing protection for noisy equipment, and work boots for broken glass and falling bottles.

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