

3.2 Selection and Installation of Guarding

Owners of machinery identified in a risk assessment as requiring safeguarding measures will receive advisory assistance from Laboratory Safety on potential solutions. The machine manufacturer should be consulted for assistance where feasible on how to properly select and install guards on their equipment. Laboratory Safety can help to identify the types of guarding that will be required for a machine. A competent person must install all safeguarding equipment on a machine. Care must be taken to ensure that the device being installed works as intended and does not create any unintentional hazards or operational issues. All guidance and instruction provided by the manufacturer of a machine, or independent company used for the selection and installation of machine guarding must be documented. This information must be kept with the risk assessment documentation for that machine.

If a machine manufacturer cannot supply guarding devices or is no longer in business, machine owners must seek the expertise of a machine safeguarding company for compliant solutions. A listing of potential companies to work with for supplies and services can be found in **Appendix G**. Machine owners or departments who have multiple pieces of equipment, or highly specialized machinery in need of safeguarding should seek the services of a machine guarding professional for assistance. Machine safeguarding can quickly become a complex task, particularly when changes need to be made to machine controls and electronics. By going through a company specializing in machine guarding, the guarding solutions that are selected will be fully integrated with and compatible with the machinery. This also ensures that the machinery will be in full compliance with the applicable Regulations and Industry Standards. Owners of machinery are prohibited from selecting and installing safeguarding equipment on their own without consulting with Laboratory Safety or an outside machine guarding professional.