



Instructor Guide

Auto lift or hoist

Topic Overview (why the topic is important to the students)

Auto lifts have the potential to cause serious injury and death. Students must be trained in safe work procedures before using a lift or hoist. The Regulation (Section 12.78) requires that auto lifts be inspected and tested at least monthly.

Demonstration and Discussion Topics

- **Discuss** the hazards associated with various types of lifts or hoists.
- **Tour the lifts** in the shop with the students, pointing out the hazards.
- **Distribute** the student handout.
- **Use** the student handout as your discussion guide.
- **Discuss** how injuries can occur if lifts or hoist are used incorrectly.
- **Explain** what can be done in the workplace to minimize the risk of injuries associated with lifts (e.g., good maintenance, good work habits).
- **Make it real.** Tell at least two stories of hoist injuries from your experience or use the examples below:
 - A student died when a vehicle that he was working under rolled forward and off a drive-on lift because the wheel chocks were not properly placed.
 - A mechanic was killed when a vehicle he was guiding onto a hoist accidentally lurched forward, pinning him against a workbench. The mechanic was standing directly in front of the hoist, directing a customer-driven vehicle.
- **Discuss** the attitude that “it won’t happen to me”. Remind them that an injury can and will happen if they take shortcuts or are careless.
- **Instruct** the students to identify and report any safety concerns about hoists.
- **Answer** any questions or concerns they might have.
- **Set a good example** by working safely at all times.

Resources

- Hazards involving automotive lifts
<http://www2.worksafebc.com/i/posters/pdfs/2004/ws0405.pdf>
- Monthly Auto Lift Inspection Checklist
<http://www2.worksafebc.com/PDFs/Regulation/autoliftcheck.pdf>
- Hazard Alert: vehicle rolls off lift
<http://www2.worksafebc.com/i/posters/pdfs/2002/ha0219.pdf>
- Guide vehicles onto hoist from side
<http://www2.worksafebc.com/i/posters/1999/fatal9906.html>