

October 2013

Edited by Bruce Hulberg

## Forklift Safety > Newsletter



**Safety and Rescue Training**  
for high-hazard work activities

**Confined Space**  
**Fall Protection**  
**Excavation**  
**Forklift**

### Upcoming Forklift Train the Trainer Classes

**November 12 - Eugene**  
**November 21 - Salem**  
**December 5 - Roseburg**  
**December 10 - Juneau**  
**January 29 - Medford**  
**March 11 - Portland**

Register online at:

[www.d2000safety.com](http://www.d2000safety.com)

or email:

[bhulberg@d2000safety.com](mailto:bhulberg@d2000safety.com)

### Have a forklift safety story or photo to share?

If so, we'd love to know about it. Please email Bruce Hulberg at:

[bhulberg@d2000safety.com](mailto:bhulberg@d2000safety.com)

We will not publish company or individual's names. You can also contact Bruce to be added to our newsletter email list.

Our programs reflect:

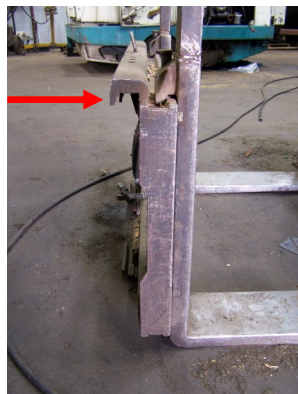
**ANSI/ASSE Z490.1** *Criteria for Accepted Practices in Safety, Health, and Environmental Training*



## Incident Investigation

A forklift operator set down a unit of green veneer on some stickers. As the operator started to back out from under the unit the carriage and forks detached from the front of the forklift (Hyster 90).

*What happened?*



The top of the forklift carriage (photo on left) hooks onto a raised lip and is held in place by the weight of the carriage resting on this lip on the top and two brackets on the bottom (photo below right). However, both brackets in this incident were loose. Since the chain was over stretched, when the forks were lowered the heels would strike the ground essentially pushing the carriage up and contributing to the carriage coming off the raised lip.

### Recommendations:

- 1) Train forklift operators how to inspect chains and forks.
- 2) Replace over stretched chains on forklifts.
- 3) Secure forklift carriage clamping brackets using Locktite, top lock nuts, flat washer, and grade 8 bolts.
- 4) Inspect clamping brackets during routine forklift maintenance.
- 5) Adjust the heel of the fork to 1/4" above the ground. It should not rest on the ground or it will increase fork wear.

