



USACE Safety Manual Rewrite

- EM 385-1-1 Revision
 - - Final sections out for field review NLT 09 May 08
 - Final draft EM in total out for field review NLT 1 July 08
 - EM 385-1-1, 2008 version printed/distributed NLT 1 Oct 08

Interim Changes to EM 385-1-1

- Multiple-Lift Rigging (Christmas Tree Rigging)
- Deleting 4-year minimum requirement for Crane Load Testing
- Section 30 Diving Requirements – multiple upgrades of whole section



Partnership History



CDMCS Goals

- Government & Industry Partnership
- Establish processes for resolving safety issues
- Communicate lessons learned from incidents
- Identify & pursue marine safety training opportunities
- Foster the development of safety management systems

CDMCS Structure

- A Steering Committee has been formed that will operate under a charter.
- Two Co-Chairs, one industry, one USACE
- Two District Rep's from each Division
- Two Rep's each from AGC and DCA

Activities Planned

- Provide forum for review and comment on contractual and regulatory safety standards
- Develop & disseminate safety information
- Share best safety practices & lessons learned
- Develop training assets
- Conduct committee meetings at least once every 6 months.

LESSONS LEARNED

Council on Dredging & Marine Construction Safety

SAFETY GLASSES MAKE A DIFFERENCE!



Here's Jon, with his recently unscarred face ... and the glasses that saved him from painful injury.

A close-call

On Sunday, 18 November 2007, Jon Soderberg, a warehouse manager for a dredging company, was observing the placing of two pump liners on top of each other in a marine yard. He was about 20 feet from the operation. As one liner was lifted by the forklift, a piece of metal broke free, propelled by the force that broke it, and struck Jon's safety glasses, causing a double impact (see arrow above), chipping the left lens. Jon reported the incident to the safety office. His comment was:

"Now I know why our company has a 100%-compliance safety eyewear policy!"

Thanks, Jon, for reporting the incident to us, and for having the photos made. Clearly, this incident could have had a grave outcome, if Jon had not been wearing the appropriate personal safety equipment.

When you're on the job, safety glasses are every bit as important as handhats and flotation devices. If your vision is suddenly compromised when loads are swinging or you're on a moving deck, it can get nasty fast. Wear your safety glasses ... Always!

**TO BE POSTED ON DREDGES, PROPELLED VESSELS,
AND IN YARD FACILITIES & SITE OFFICES**

LESSONS LEARNED

Council on Dredging & Marine Construction Safety

Using Sledge Hammers: Protect Fingers, Eyes



Note that both workers wear safety glasses and also fall face shields during work with a sledge hammer.

Recently on a cutter suction dredge, a deckhand's finger was smashed as he assisted changing out a cutter tooth. This mishap highlights the need for extra caution while participating in this task, and especially when using a sledge hammer to change cutter tooth. Injuries can occur if your hand is struck by the hammer, coworkers can be struck as the hammer swings, and steel slivers can lodge in the eye or body as the hammer strikes the cutter tooth to dislodge or reset the tooth pin.

Wear proper personal protection including leather work gloves, as well as both safety glasses and face shields, when performing this task. When inserting the tooth pin, the person wicking the hammer always should be the one who holds the pin in place. Gently tap the pin to get it started, using either a smaller hammer or a sledge hammer. After the pin is securely started, no one's fingers need to be near the pin as it is being driven in. When removing a pin, use the correct pin removal tool. Once again, fingers should not be in a position to be struck by the hammer.

As always, before you perform any task, review your Job Safety Analysis, run through the operation in your mind, make certain you have the correct tools to do the job, ask your fellow crewmen if they understand the duties they will perform, and then do it safely.



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for
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SAFETY

**DON'T
JUMP:
STEP!**