

**U.S. Army Corps of Engineers
Fort Worth District
Safety & Occupational Health Office**

Lessons Learned

ACCIDENT: Struck by jackhammer

Date: 28 May 2002

WHAT HAPPENED: Worker was using a 90-pound jackhammer that was strapped and chained to a backhoe for chipping a concrete beam that was in the way of the storm line. The beam was an unforeseen site condition.

CONTRIBUTING FACTORS:

- No Activity Hazard Analyses developed for the work.
- Using a 90-pound jackhammer.
- Not waiting for the proper equipment to be brought to the site.

RESULTS: The jackhammer became stuck in the wall and the foreman was pulling it out when it struck him in the face causing mouth, lip and teeth pain.

LESSONS LEARNED:

Reference- EM 385-1-1, USACE SAFETY & HEALTH Requirements Manual

- **Hazards shall be addressed prior to work being performed**

01.A.09 Before beginning each activity involving a type of work presenting hazards not experienced in previous project operations or where a new work crew or subcontractor is to perform the work, activity hazard analyses shall be prepared by the contractors performing the work activity.

a. Analyses will define the activities being performed and identify the sequences of work, the specific hazards anticipated, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level.