

Safety Communication

Description of Incident: On 01-29-2010 at approximately 10:50 am Employee was installing hand rail on the top of module 21B01. Employee stated that after installing the handrail he went to unscrew the pin from a shackle and then went to pull the pin and that's when it fell out of his hand approximately 46' from the top of the module came within 2 ft of striking two employees that were working below on ground level. The shackle pin was 7/8 in diameter and weighed approximately 1 pound.

Contributing Factors:

1. Possible wax coating on gloves when bolting up handrail.
2. Basket from handrail was 2-3 feet from handrail.

Direct Cause: Other – Loss of control of equipment

Indirect Cause: Lack of – Belief – complacency and routine work

Basic Cause: Failure to – Plan – SPA/JSA inadequate.

1. Did not list waxing bolts as a step of task on SPA.
2. TSA not done by supervisor. Supervisor did not observe job task that was being performed.

Corrective Actions/Path Forward:

1. "Awareness when removing shackle pins" will be added to the SPA.
2. Use a set of gloves for waxing bolts and another set for other tasks.
3. Complacency – Maintain control of shackle and pin
4. Put enough slack in choker to pull shackle back towards employee to do the task and maintain control of the shackle and pin.