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Alert #: SA 13-16

Date: 10/05/2016

Operation of Earth-Moving Equipment Around Pipes & Process Components

Recently, GIS employees were working on a Customer location spreading limestone. After several hours of work our equipment made contact with, and caused damage to a valve.

ROOT CAUSES:

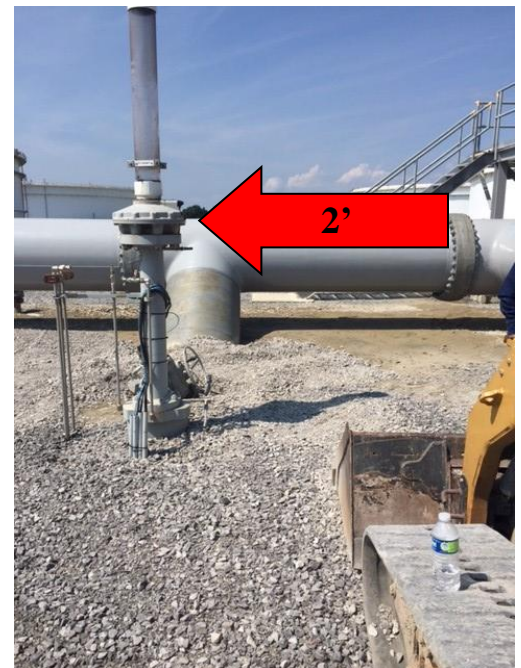
- **Motorized heavy equipment in close proximity to piping and process components**
 - Skid steer was used in close proximity to valves, piping and other structures
- **Failure to perform a thorough job walk through; evaluation of hazards and clearances**
 - Although employees were performing the same function, the area where the incident happened was in a different location from the previous task
 - Spotter could not accurately gauge clearances around the machine due to being in a congested work area.
- **Failure to utilize Stop Work Authority when job conditions change**
 - Crew continued to operate as before despite a change in work environment

RECOMMENDED ACTIONS

- Discontinue the use of motorized/heavy equipment within two (2) feet of all piping and process equipment.
- All spreading of material shall be done by hand utilizing shovels, rakes and wheel barrows

LEARNINGS

- Remember to utilize Stop Work Authority
 - If something doesn't look right, make sure to let someone know.
- Remember to upgrade your WP/SEA
 - Upgrades should happen every time there is a change in the job or environment



SAFETY ALERT