Truck Loading

Lesson Learned #112

INGAA LLR Workshop

February 19, 2014

Incident Description

A contractor crew was loading a truck with piping for removal from the job site. A forklift was being used to load 20” pipe onto the truck which already had 16 joints of 2” pipe on it. Skids were placed on top of the 2” pipe joints in order to create a base for the larger 20” pipe joints.

The forks were tilted downward to allow the larger pipe to roll off and, upon doing so, the pipe gained enough momentum to roll to the opposite side of the truck. The skids that were placed on top of the 2” pipes tilted downward allowing the 20” to continue to roll and make contact with the bed stakes. The bed stakes did not stop the pipe from rolling off the truck and onto the ground. No one was in the area where the pipe fell because the crew discussed this type of hazard prior to beginning the task and documented the hazards along with the mitigation steps on their JSA.

What Seemed to Solve the Problem

An investigation was completed and the temporary corrective actions identified were to place a track hoe on the opposite side of the truck and use the bucket as a stop. The crew also decided to place skids on the deck in order to prevent the skids on top of the 2” pipe from tilting and allowing the pipe to gain momentum as it is loaded onto the truck.

A Better Solution

The final corrective actions were implemented and found to be more effective in preventing incidents like this from happening. For future truck loading purposes, the workers will be required to bundle and band the 2” pipe and place on top of the larger pipe. The larger pipe will also be loaded utilizing stringing cables in lieu of the forklift to allow for better control of the pipe as it is loaded onto the trucks.