

Individual Location (5 or less location)

# Core Maintenance Rotating Stand

## Description

The rotating maintenance stand was developed to provide maintenance employees with a means to easily perform maintenance operations to pipe pro cores. Cores sit on the stand in a horizontal position. The cores sit on eight rollers that allow employees to rotate the core to the position needed to safely and easily perform maintenance operations. The rollers on the maintenance stand can be moved to different mounting locations to allow the stand to be used on several different diameter cores. Employees simply insert rollers to the needed position, place the core on the stand, rotate the core to a desired location, lock the core in place, and perform the maintenance task needed. The rotating maintenance is mobile.

The stand can be brought in when needed and stored when not needed, removing clutter from the work area. Because the stand is mobile this gives employees the flexibility to work on cores in any area.

## Project Initiation

Performing maintenance operations on pipe pro cores was a cumbersome task. Employees would lay down the core on stands, and only be able to work on one section of the core. The core would need to be stood back up, rotated, and set back on the stands to continue maintenance operations. Every time you handle equipment it creates a potential for an incident to happen. The maintenance team knew they needed to develop a system to help make maintenance operations easier and more efficient.

## Project Benefits

The cores now require less handling to perform maintenance operations. With the ability to rotate the core as needed, the ergonomics while performing maintenance operations has greatly improved. Employees simply rotate the core to a comfortable position and perform the work. The amount of time needed to perform maintenance operations has also decreased, freeing up the maintenance team to keep the plant running efficiently.

