

DISCOVER THE POWER OF

**ONE**



# STEEL PLANT UPGRADES CASE STUDY

## THE CHALLENGE

A large producer of long steel turned to Lee Industrial Contracting to perform several upgrades to their systems during a 30-day shutdown. Some of the notable projects during the shutdown included:

- Removal of an old cooling tower and reinstallation of a larger one. This allowed for better temperature control throughout the plant.
- Upgrades to stairways, structural steel and foundations.
- Upgrades to rolling mill saws, which involved removing the existing outdated equipment and replacing and reinstalling with new machinery.
- Assembly, installation and integration of a brand-new controls and material handling system on the client's conveyors.
- Upgrading the plant's cooling system.
- Removal of the client's old caster spray chamber and the installation of a new one.

One major challenge the Lee Contracting team faced with this large-scale project took place during the removal and installation of the caster machine. Due to the location of the equipment in the plant, moving this large piece of machinery was nearly impossible without the quick thinking of Lee Contracting's team to cut open the wall to safely remove the large piece of equipment. The teams then pre-assembled the new caster machine and rigged it through the same opening. After the machine was installed, Lee's teams worked to weld the wall opening shut with galvanized steel plates.

## THE RESULTS

Because Lee Contracting has all trades, equipment and tools in-house, they were able to meet the 30-day deadline. Not only did this save the customer time, but helped to get them back up-and-running by their deadline.

## LOCATION

Monroe, Michigan

## DEPARTMENTS INVOLVED

Mobile Crew, Electrical, Pipefitting & Mechanical, Fabrications, Foundations