

# BELOW-THE-HOOK SUCCESS STORY

## ...ELIMINATED DROPPED LOADS



### SITUATION:

A large steel mill in the Midwest used vertical coil tongs to move "eye-to-the-sky" coils. Following a scheduled repair, one unit began to drop coils.

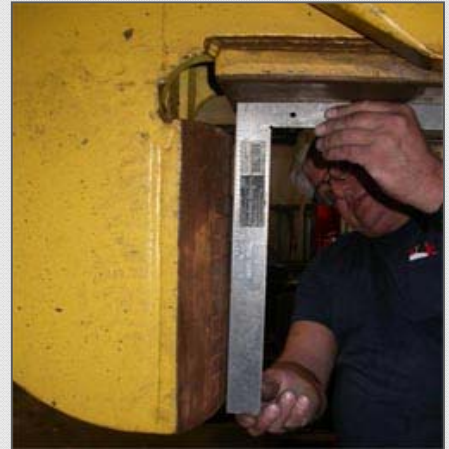
Several modifications were made by an outside repair shop, but without success. The tong was tagged as a safety hazard and withdrawn from service.

### ACTION:

The vertical coil tong was shipped to Bradley Lifting for analysis and repair.

Bradley Lifting engineers determined that the relative position of the inner and outer jaws was incorrect. The clamping forces were misaligned and did not apply the proper grip on the rim of the coil.

Both jaws were modified to provide proper engagement. The surfaces of the jaws were also revised to improve surface contact.



### RESULT:

No coils dropped in over 2 years of operation.