

# MANUFACTURING SAFETY ALERT

**Ask Yourself**  
*"Could it happen here?"*

## DESCRIPTION OF EVENT

### **Over/Under Work (SIF) - Medical Aid**

Workers were inside a recovery boiler's confined space, removing debris and hardened smelt from the furnace floor. They were using a gin wheel with a two-bucket pulley system. When moving the material, one of the buckets broke when its worn and rusted bottom gave way.

During the job, another defective bucket was also being used to lift materials to the third-floor scaffold. Its bottom also gave way and a hardened piece of smelt fell, striking a worker in the upper back and shoulder.

The injured worker required rescuing from the confined space and was then transported to the hospital by BC ambulance services for further assessment.



## SUGGESTED ACTIONS

- Identify control zones for over/under work and make sure the right tools are being used for the job.
- Implement contractor safe work procedures (SWPs) that include the use of strong and suitable bucket materials, a limit on the amount of weight carried and an established control zone.
- Develop a Safety Bulletin and share it with all crews.

## MOST IMPORTANT TAKE AWAY

Before starting any job, make sure to inspect tools and equipment for damage, wear or defects.

When performing over/under work, all equipment should be in excellent or new condition.

