

# Effective SAFETY Solutions

## WHERE

Company: Alcoa

Location: Primary San Ciprian

Business: Primary

Contact person: F. Ariza - D. Pernas

## THE ISSUE

If we review accident history in the potroom department, several accidents in the past were related with people falling while getting into the Pot tender crane cab.

## THE SOLUTION (additional level of protection put in place)

Type: (Technical  - Procedures  - Others  )

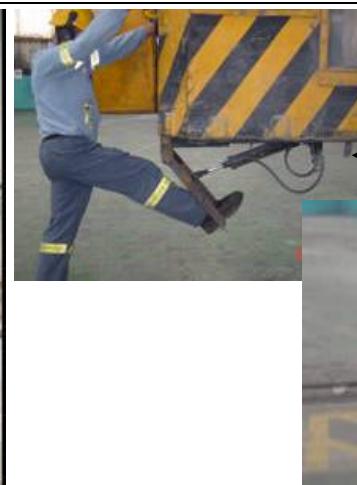
Description of key feature or change versus current conditions:

Two different actions were taken to solve this issue. In one side, the number of times needed to enter and exit the crane cab was divided by 2, so exposure to this hazard was also divided. By the other side, pneumatic stair was readapted to improve access and eliminate the hazard of an unexpected movement due to an absence of pressure in the pneumatic circuit.

## PICTURES (if applicable ) or ADDITIONAL INFO



Figure 1.- The implementation of laser reduced frequency



Previous condition and hazard



Figure 2 .- This modification keeps stair fixed even without power or air supply fail.

## SAFETY BENEFITS – pros/cons

- The different and same level fall was significantly reduced.
- Other hazards (health exposure, suspended loads) have been reduced due to procedure changes. Now is easier to access and leave the area when needed.

**IMPLEMENTATION COST OF 2.1 k€/crane AS APPLICABLE**