

# Effective SAFETY Solutions

## WHERE

Company: **Alcoa**

Location: **SAN CIPRIAN**

Business: **AWA Atlantic**

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## THE ISSUE

The electrical boxes extraction used to be done by extracting them manually causing extra efforts when manipulating loads over 100Kg.

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

Type: (Technical ☒ - Procedures ☐ - Others ☐ )

Description of key feature or change versus current conditions:

The new transportation cart allows to move the electrical boxes to the repairing or reviewing table.

## PICTURES (if applicable) or ADDITIONAL INFO



The employees had to extract the electrical boxes in a manually way.



Transportation cart is used to transport the HV (>30kg) electrical boxes.



Transportation cart used to transport a LV electrical box >100kg

## SAFETY BENEFITS – pros/cons

- It eliminates risks of ergonomic harms produced by over-efforts extensions of arms above the shoulder and strong movements with the wrist due to the weight of the CDBTs (30Kg)

**IMPLEMENTATION COST OF 400€**