

Effective SAFETY Solutions

SOLUTION N°13

Company: Rio Tinto

Location: Saint Jean de Maurienne (France)

Business: Aluminium

THE ISSUE

On site, we have especially one location where the risk of collision between vehicle and pedestrian is critical. The visibility is limited for both pedestrian and vehicle, not forgetting the influence of magnetic fields on vehicles (risk of stalling).

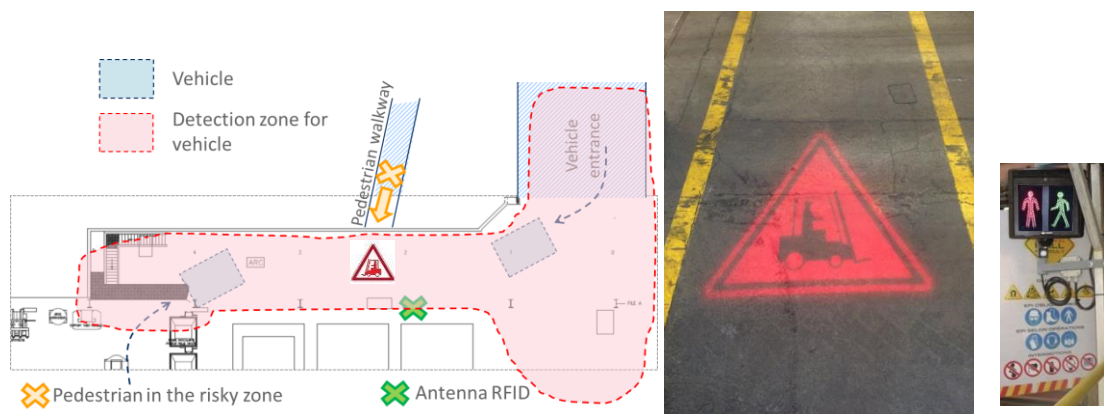
THE SOLUTION (additional level of protection put in place)

Type: Technical Procedures Others

Description of key feature or change versus current conditions:

We installed a light projector with gobo (a specific form to project on a surface – here a forklift on the floor). The vehicles are equipped with RFID Tag and an antenna in the building detects the presence of the vehicle. The light switches on when a vehicle enters the area. The form projected on the floor informs the pedestrians of the vicinity of the vehicle. The system is also connected to a pedestrian signal installed outside.

PICTURES (if applicable) or ADDITIONAL INFO



SAFETY BENEFITS – pros/cons

Reduction of the risk of collision between pedestrian and vehicle

IMPLEMENTATION COST (k€) AS APPLICABLE

1500€/ light projector + 900 €/ RFID System + 500€/pedestrian signal