

Effective SAFETY Solutions

SOLUTION N°37

Company: Kubal

Location: Sundsvall, Sweden

Business: Primary Aluminium smelter

THE ISSUE

At the Hertwich 1 strapping station, operators must occasionally help the billets to rotate with clamping hazard as a consequence. When the billets get crooked it's a high risk of squeezing accidents.



THE SOLUTION (additional level of protection put in place)

Type: Technical Procedures Others

Description of key feature or change versus current conditions:

Secure the rotation through a rotary guard, which gives alarm when it does not rotate as it should. Then you can immediately take precaution and secure the billets.

It is likely that you will need to roll the billets manually occasionally at different types of production disturbances. Make a tool that you can use without risk for clamping your fingers.



Rotary guard



This tool, initially an oil filter extractor combine it with a shaft, you can put at the end of the billet to make it go forward, when you push forward it tightens and when you stop or reverse it loosens.

SAFETY BENEFITS – pros/cons

No more accidents with pinched fingers

IMPLEMENTATION COST (k€) AS APPLICABLE:

0,3k€