

Nisshin Steel

Award: Safety
Category: Workplace Improvement

Potential risk extraction by VTR & heads-up improvement

Challenge

We detected an unsafe state of operations which occurred regularly. The activity led to a higher safety awareness sharing amongst colleagues. At the same time we conducted safety measures to avoid accidents at work.

Action

1. Sponsorship
The Safety Technical Committee is in charge (it consists of an elected safety officer for the safety activity)
2. Participants
All site employees, regardless of the employment form
3. Implementation method
The Safety Committee decides which activity should be recorded during approximately 15 minutes. The recorded DVD is circulated to each site group and viewed in their safety meeting. The site members/attendees present their opinion report on the potential risk(s) in writing. The Safety Committee summarises

the report and reflects the safety measure.

4. In 2016 the following operations were the target of the safety activities:
 - Power sector: waste water treatment facility cleaning
 - Transportation sector: export packing work
 - Equipment sector: shear cutting blade exchange



Wastewater treatment facility cleaning



Export packing work

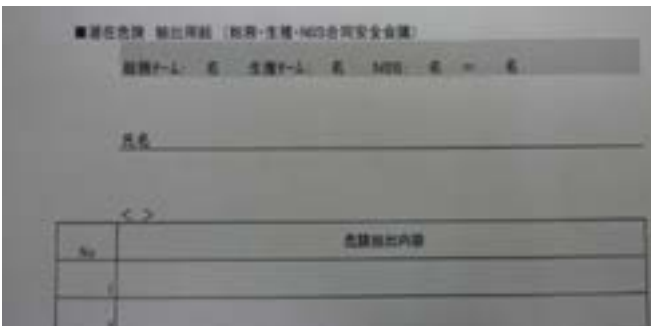
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Shear cutting blade exchange



Specified format for this activity

Outcome

A typical improvement case was the one of the safety fence in the scrap storage box space. The fence used to be a mobile one and was changed to a retractable one.

This was a conventional problem, where the equipment is too heavy to move freely (there

is a risk for falling and pinching during the movement). On the right side the fence is installed in contact with the passage. When material is being transported, it gets in the way and there is a potential risk of overturning. After the improvement it became easy to move the fence without any effort and there is no barrier when the material needs to be transported.



Before: fence is hard and heavy to move



After: fence is easy to move