Implementation of SOHELP Program

*NS Bluescope Lysaght Sabah Sdn Bhd*

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NS Bluescope Lysaght Sabah Sdn Bhd

- >40 years in Malaysia (established since 1972)
- First roll former in Sabah
- Market leader in roll formed coated steel products
- Total employees: 43
- ISO9001:2015 Certified
- ISO14001:2004 Certified
- OHSAS 18001:2007 Certified
SOHELP: Chemical Improvements

BEFORE

Improper storage of chemicals.

AFTER

All chemicals relocated to proper storage shelf and the containers with appropriate labelling.
Diesel, petrol, hydraulic oil, lubricant, and grease segregated and affixed with appropriate labelling.

Improper storage of oil, lubricants and grease. Lack of chemicals identification.
Improved transit scheduled waste storage with heighten platform. Bin re-label with pictorial schedule waste types for proper segregation according to types of waste.
Improper storage of cleaning agents

Re-organized, re-locate, and segregated cleaning agents to proper storage cabinets.
SOHELP: Noise Improvements

**BEFORE**
- Noise emitted from maintenance work.
- Noise emitted from running of roll formers.
- Noise emitted from overhead crane operations.
- Finished goods loading with forklift.

**AFTER**
- Employees sent for audiometric test.
- Hearing conservation briefing by audiologist.
- Conducted Noise Mapping
- Warning signage at all machine to indicate noise level emitted from machine.
SOHELP: Noise Improvements

BEFORE

Noise emitted from production of goods. E.g. product shearing, bending, folding, transferring, etc

AFTER

Internal monthly noise monitoring program using mobile apps at identified locations. Readings aids in the monitoring employee exposure level and indication of machine failure.
SOHELP: Ergonomics Improvements

**LEVEL 5**

**BEFORE**

- Improper access method to trailer.
- Insufficient work space and hazard of fall.

**AFTER**

- Proper ladder to access trailer platform.
- Proper platform ladder for crane driver to stand and mobilizing load.
- Latch-on device for securing onto trailer bed.
SOHELP: Ergonomics Improvements

LEVEL 5

BEFORE

AFTER

Fabricated in-house platform and step stool to minimize body stretching and easier to reach machine parts.

Improper positioning and access to machine. Body stretching on product transferring.
SOHELP: Ergonomics Improvements

BEFORE

Awkward positioning in preparing timber packing. Crouching and hammering.

AFTER

Modified/ recycled broken chair. Pedestal drill used in drilling holes on timber to reduce arm stress on hammering.

Awkward positioning in pushing finished product. Exertion on back by crouching, pushing and walking at the same time.

Modified trolley with steel poles for ease in pushing finished goods.
SOHELP: Ergonomics Improvements

Factory A – Low luminosity

Factory B – Low luminosity

Factory B – Rear of factory’s roofing panel replaced with translucent roofing sheet.

Factory A – Alternate roofing panel replaced with translucent roofing sheet.
SOHELP: Ergonomics Improvements

**BEFORE**

- Stiff chairs with lack of back support.

**AFTER**

- Replaced old chairs with ergonomic chairs.
Thank You!