



Implementation of SOHELP Program

NS Bluescope Lysaght Sabah Sdn Bhd

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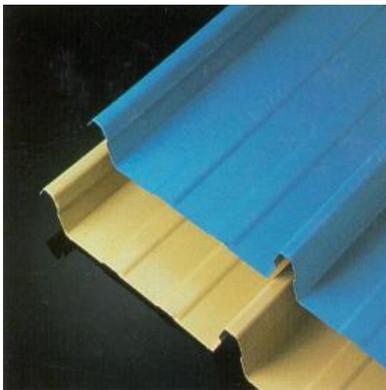
Company Profile

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

Building Products



Residential Solution



Building Solutions





SOHELP

**Systematic Occupational Health
Enhancement Level Programme**



BLUESCOPE

SOHELP Implementation

BEFORE



Improper storage of chemicals.

AFTER



All chemicals relocated to proper storage shelf and the containers with appropriate labelling.



BEFORE



Improper storage of oil, lubricants and grease. Lack of chemicals identification.

AFTER



Diesel, petrol, hydraulic oil, lubricant, and grease segregated and affixed with appropriate labelling.

BEFORE



Risk of scheduled waste contamination during flash flood.

AFTER



Improved transit scheduled waste storage with heighten platform. Bin re-label with pictorial schedule waste types for proper segregation according to types of waste.

BEFORE

AFTER



Improper storage of cleaning agents



Re-organized, re-locate, and segregated cleaning agents to proper storage cabinets.

SOHELP: Noise Improvements

LEVEL 5



BEFORE

AFTER

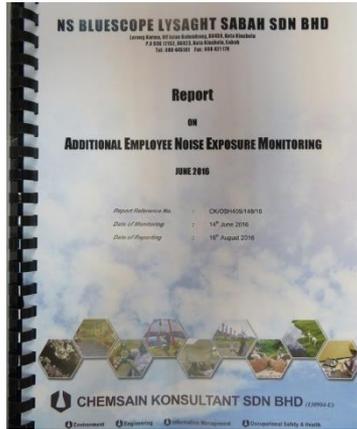


Noise emitted from maintenance work.

Noise emitted from running of roll formers.

Employees sent for audiometric test.

Hearing conservation briefing by audiologist.



Noise emitted from overhead crane operations.

Finished goods loading with forklift.

Conducted Noise Mapping

Warning signage at all machine to indicate noise level emitted from machine.

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.



Latch-on device for securing onto trailer bed.



Proper platform ladder for crane driver to stand and mobilizing load.

SOHELP: Ergonomics Improvements

LEVEL 5

BEFORE



AFTER



Improper positioning and access to machine. Body stretching on product transferring.



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

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.

BEFORE



Factory A – Low luminosity

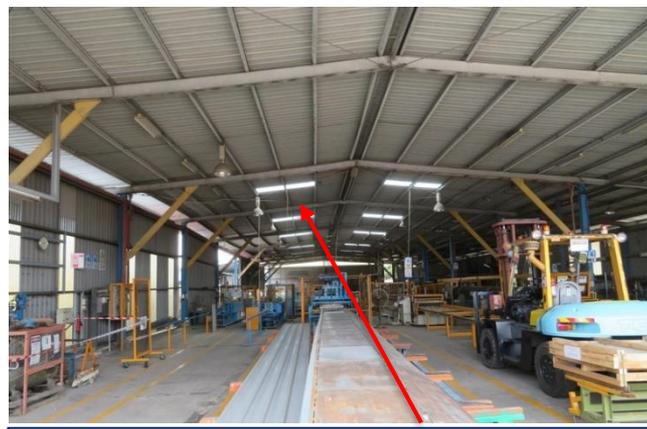
AFTER



Factory A – Alternate roofing panel replaced with translucent roofing sheet.



Factory B –Low luminosity



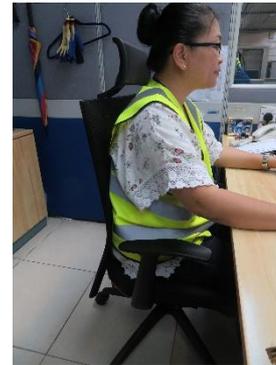
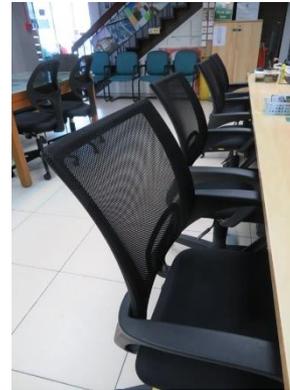
Factory B – Rear of factory's roofing panel replaced with translucent roofing sheet.



BEFORE



AFTER



Stiff chairs with lack of back support.



Replaced old chairs with ergonomic chairs.



Thank You!