



Product News

Kinder Australia: Conveyor Covers - Protecting People and the Environment

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In many overseas countries, particularly Europe and

Latin America legislations have been put in place that make it mandatory for conveyor belts to be enclosed with protective covers. OHS hazards and accidents from incorrectly using conveyor belts include conveyed material falling away during transportation, hitting and seriously injuring workers. There is also the potential risk of workers being dragged and/or entrapped within the transporting belt by clothing, hair and other loose elements. "Covering up makes sense not only helping to minimise or eliminate serious costly belt mistracking problems which can arise when moisture seeps into the cracks and extending the wear life of the conveyor belt. But also, ensuring the safety and instances of injury/accidents to workers is of paramount importance", says Neil Kinder, CEO - Kinder Australia. The environmental and OHS risks of unprotected belts requires careful consideration due to the build-up of airborne dust during the ongoing materials handling conveying process. The risk to personal safety is very real,

fine airborne dust particles create serious personal health risks when inhaled. Further safety considerations include the increased risk of slips, trips and falls in areas of poor access and visibility caused by dust emissions. There is also the risk to the environment, where dust can reach areas beyond the site boundaries. It can contaminate delicate ecosystems especially in wetlands and rivers, causing regulatory interest and rifts between nearby towns and the plant. Today's extractive industries will constantly have their dust emission levels closely monitored and evaluated. Adherence to acceptable dust level regulatory standards set by industry bodies ensures continued site operations, productivity and profitability. The tightening of environmental regulations and site obligations will mean all conveyor belts should ideally be enclosed to reduce the OHS risks and improve environmental impacts of dust emissions. K- AllShelter®/Capotex Belt Conveyor Covers features a patented lock/hinge system and can withstand the extremities of heat, wind, humidity and rain over long periods. The advantage of being hinged on both sides allows ongoing access from either side of the conveyor – conveyor maintenance is easy and hassle free. These conveyor belt covers are manufactured using a wide range of optional materials including:

- Galvanised Steel
- Pre-laquered Steel
- High Performance Steel
- Stainless steel
- Aluminium and
- Fibre reinforced polyester

Conveyor belt covers act as protective barriers against the harsh environmental elements as well as keeping workers free from dust contamination and associated maintenance clean-up costs. Kinder says “when review and selecting the best conveyor belt covers to install, there are a few important factors to consider such as durability, lightweight and ease of access.”