

Activity: MAINTENANCE
Equipment: PORTABLE TRUSS SECTION
Task: GUARDING

Potential Hazard



The area is difficult to properly guard leaving potential access to the take up pulley. When cleanup is required, in order to access the area, the cattle gates must be removed which can be awkward, buried by material, or difficult to move.

Safety Innovation



Built a portable truss section with a gravity take up system in the truss with a sliding track system for the take up pulley to slide on, eliminating the vertical gravity take up pulley and lowering the height of the conveyor. This allowed the mesh guarding to be attached to the truss section and move the gravity weight system to the side of the conveyor truss where it can be completely guarded.

For additional information regarding this Safety Innovation, or to submit your own Safety Innovation, please contact Douglas E. Needham, P.E., Michigan Aggregates Association at dneedham@miaagg.org.

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