

Activity: MAINTENANCE
Equipment: VSI CRUSHER
Task: VSI SHOE CHANGE OUT

Potential Hazard



Maintenance employees change VSI shoes on the crusher anywhere from once a week to once a month. These shoes weigh approximately 100 pounds each. Change out of these shoes exposes employees to back/shoulder strains and pinched fingers.

VSI Crusher Shoe

Safety Innovation



Build a lifting device that lifts all the shoes at one time through mechanical means. This Safety Innovation protects employees from back/shoulder strains and reduces the likelihood of pinched fingers.

Lifting Device

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@miagg.org.