

## **SAFETY INNOVATION**

Brought to you by: MAA Safety Committee

## October 2018

Activity: MAINTENANCE

Equipment: VSI CRUSHER

Task:VSI SHOE CHANGE OUT

## **Potential Hazard**



## **Safety Innovation**



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

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 <u>dneedham@miagg.org</u>.

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