







Safety Lessons Learned

Near Miss: Skid Steer Tynes Fell During Adjustment

Project

WCX3A - St Peters Interchange site

GMR Risk Catergories

GMR 4.2 - Fall of Material/Object

What Happened

In preparation for lifting a load, the skid steer operator attempted to adjust the tynes. The operator requested assistance from a nearby worker and lifted the attachment from the ground to aid the manual movement of the tynes. As the worker pushed one the tynes across the rail, it has fallen off, narrowly missing the worker's feet.



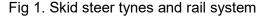




Fig 2. Plate welded to plant

Immediate Cause

Workers did not follow the Original Equipment Manufacturer's (OEM) method for adjusting tynes, which is to lower the attachment to the ground and adjust the tynes.

Identified Root Cause

The design of the tyne rail system allows for the complete removal of the tynes, thus inadvertantly allowing for the tynes to fall if not handled correctly.

Lessons Learned

- A plate that eliminates the risk of the tynes from inadvertantly falling has been welded to all relevant plant; and
- Always refer to and follow the instructions and safety requirements in the OEM's manual when operating any plant, machinery or equipment.