

## **Tyre Deflation Station**

### **Xstrata Copper – Ernest Henry Mine**

#### **The Problem or Initiative**

Wheels and rims are required to be removed on a daily basis in several areas of EHM operations. When tyres are deflated, hazards such as noise and flying objects are created due to the high pressure release of air.

#### **Solution**

Mobile trolley fitted with two large mufflers and a deflector.

The air passes from the tyres through the air lines and into the mufflers, reducing noise considerably. The air is directed downwards through the mufflers to the deflector which captures any loose particles, in turn preventing injury from such particles being released at high pressure.

#### **Benefits/Effects**

Elimination of hazards associated with extreme noise and particles being released into the environment at high pressure.

#### **Transferability**

The tyre deflation station can be used in all work/maintenance areas when the deflation and removal of a tyre and rim is required.

#### **Approximate Cost (if known)**

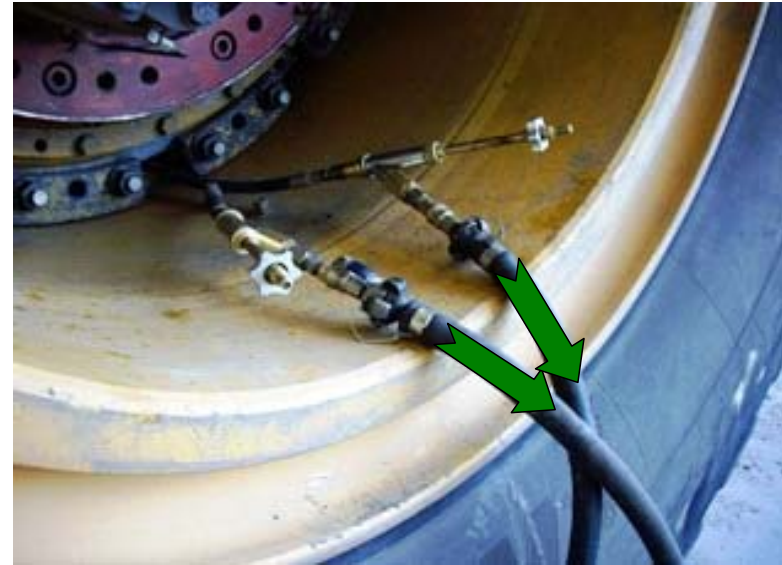
Total cost of \$ 206.10 for a significant improvement for the working environment.

**Photos:**

Releasing air prior to Mobile Deflation Station



Releasing air with the Mobile Deflation Station



The Mobile Deflation Station

