

# MANUFACTURING SAFETY ALERT

Ask Yourself  
“Could it happen here?”

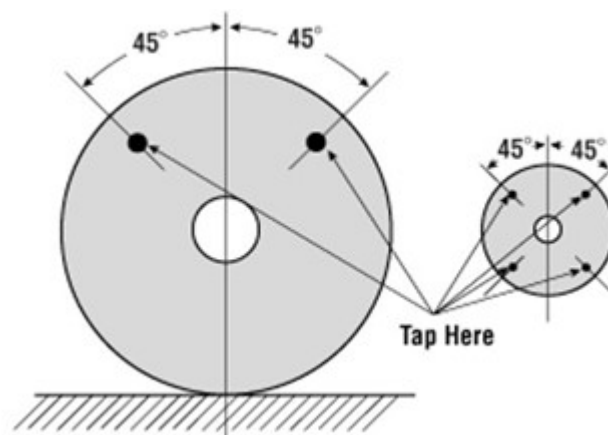
## DESCRIPTION OF EVENT

### Grinder Wheel Ring Test

During a WorkSafeBC site inspection, the officer asked a maintenance employee how to “ring test” a grinding wheel.

Grinding wheels must be inspected and “ring tested” before they are mounted to ensure they are free of cracks or other defects.

Wheels should be tapped gently with a light, nonmetallic instrument. A stable and undamaged wheel will give a clear metallic tone or “ring”.



## SUGGESTED RECOMMENDATIONS:

- Add ring test procedures and requirements to maintenance JSA's.
- Discuss ring test requirements with maintenance teams during tailgate meetings.
- Go to YouTube to see a demonstration:

<https://www.youtube.com/watch?v=xXyVP0wzd9I>

## MOST IMPORTANT TAKE AWAY

Add ring test procedures and requirements to maintenance JSA's and train all maintenance personnel in the procedures.

**MAG**  
Manufacturing Advisory Group



BC Forest Safety

BCFSC welcomes all incident or near-miss submissions. To protect your privacy, we will review and remove all identifying information.

To share an incident or to subscribe to the Safety Alert of the Week, visit: [www.bcforestsafe.org/safety-alerts/](http://www.bcforestsafe.org/safety-alerts/)

Scan the QR Code  
with your mobile  
device's camera to  
access this alert.

