

NOTIFICATION DATE: January 25th 2009	NOTIFICATION NO: S-084
INCIDENT DETAILS: Faulty Cutting Discs	APPLICABILITY: Entire PSNWE Organisation
REPORT/INVESTIGATION REFERENCE: I.09.002	NOTIFICATION RAISED BY: Andy Diggins HSE Advisor

During a routine grinding operation a Mechanical Fitter experienced a failure of cutting discs.

The task was to cut a nut off some "leak off pipe work". As the fitter applied the 5" cutting disc to the nut, the disc sheared.

The fitter removed the sheared disc & replaced with a new disc.

The fitter experienced a similar failure using the 2nd disc.



Disc Information: Tyrolit 5" Cutting Discs used on standard grinding machine @ 8800RPM
The maximum advised disc speed is 12,225 RPM. The discs were used to cut carbon steel material.

Immediate Actions Taken: The site has quarantined all 5" Tyrolit Cutting Discs. The discs Manufacturers are investigation root causes.

Control Status:

- Operator Training – In place & adequate
- Machine Portable Appliance Test – In place & adequate
- Machine / Disc pre use inspection - In place & adequate
- PPE - In place & adequate

PPE compliance is a significant factor in ensuring these unforeseen type of incidents do not result in injury

PSNWE Actions:

As a precautionary measure until the manufacturer provides investigation outputs, all PSNWE sites are to refrain from using Tyrolit 5" cutting discs.

PSNWE suppliers (PACS) have been advised of the incident & have ceased distribution of Tyrolite 5" cutting discs until investigation is complete.