



Acciona Geotech Safety Alert – December 2017

Demo Saw Cutting Disc Shatters

Injury to Employee

On the 24th of November an employee was using a demo saw (K970) to cut steel mesh, unknowingly the cutting disc being used was not for a handheld machine and the max. rpm speed rating for that disc was much lower than the rated rpm for the demo saw. The disc shattered resulting in a fracture to the employees right hand little finger.



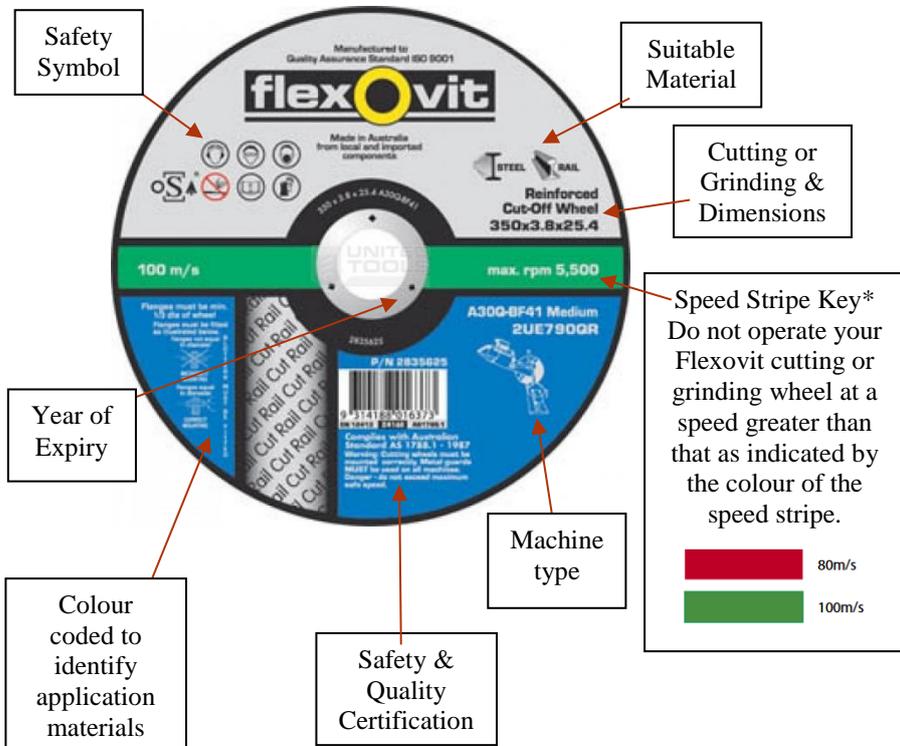
Safety Procedures

- ❖ The machine must maintain straight line cuts to be efficient and avoid breakage.
- ❖ Must provide rigid support and “hold down” of piece being cut.
- ❖ Side pressure must be avoided to ensure straight cuts and avoid possible breakage.
- ❖ Even reinforced wheels are not completely unbreakable.
- ❖ Must have proper drive flanges. Minimum of one third of the wheel diameter.
- ❖ Must have adequate guard over the wheel.
- ❖ Start the cut gently. Do not bump the wheel to start a cut
- ❖ Must be maintained in excellent condition.

Don't take chances.

Accidents can and do happen.

Understanding the Disc Label



Summary

Follow Demo Saw Manufacturers Operators Manual.
 Check (prestart) Demo Saw before each use.
 Read the Disc Label & check that it is the correct disc for the Demo Saw. Identify the speed rating for the disc is higher than the speed (RPM) of the demo saw.
 Check Disk for Damage & Faults. Store Discs in a dry undercover location.

ALL CUTTING AND GRINDING TASKS REQUIRE DOUBLE EYE PROTECTION.

REPORT ANY CONCERNS TO SITE MANAGEMENT

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