Vibration standards are changing

What to look for?

Hand-held portable power tools — Test method for evaluation of vibration emission

There is also an electric tools standard: EN 60745
In addition there is "Master" standard EN ISO 20643 from which both EN ISO 28927 and EN 60745 are derived.

Why the change?

When will the change happen?

Look for identity of directive

Old: 98/37/EC or New: 2006/42/EC

29 December 2009
NEW

Vive la difference

Revamped test method to represent the upper range of in-use values.

Vibration values may have changed to be either higher or lower but the tools are still the same. The only change is the test procedure.

OLD

3-axes
(1. Primary location
2. Secondary location)

1-axis
(middle of hand)

Comparing results

NEW

OLD

EN ISO 28927

EN 60745

EN ISO 20643

EN ISO 28927

ISO 8662

ISO 8662

For information on using declared values to estimate exposure in the workplace see PNEUROP Information Sheet PN3-01.