

Vibration test services of the Human Factors Research Unit

Measurement of occupational exposures to hand-transmitted vibration

Description

The Human Factors Research Unit performs laboratory and on-site measurements of vibration on vibratory tools in accord with standards:

- BS EN ISO 5349-1
- BS EN ISO 5349-2
- BS 6842
- ISO 5349
- DD43

We conduct laboratory measurement of vibration on vibratory tools and type testing (reproducible measurements) in accord with current standards: ISO 28927 and EN 60745 and BS EN 28662.

We conduct laboratory measurements of vibration on pneumatic and electric tools to customer specifications, including:

- angle/straight/bench grinders
- electric hammer drills
- chainsaws
- chipping/riveting hammers
- impact wrenches/screwdrivers
- pavement breakers
- polishers
- rammers
- rock drills
- rotary hammers
- sanders
- trimmers



Use of percussive or rotary action tools may put users at risk of vibration injury



The Human Factors Research Unit conducts on-site measurements on vibratory tools



Laboratory measurement of vibration on vibratory tools



The Human Factors Research Unit operates a Quality Management System which complies with the requirements of ISO 9001