



BEST PRACTICE

LOCATION: Occupational Health
ACTIVITY: Occupational Health
SUB ACTIVITY: Vibration
BEST PRACTICE No: BP658

ARTICLE YEAR: 2009
COMPANY: Tarmac
COMPANY LOCATION: National Contracting, Derbyshire
COMPANY TEL: 01773 815100

TITLE

 Award Winner  On Video

HAV Meter

ARTICLE

Tarmac National Contracting is the first UK contractor to develop, trial and roll-out an innovative system to provide live™ data on tool operators™ daily exposure rates to Hand Arm Vibration (HAV).

The company collaborated on two years of testing with Reactec™, a leading noise and vibration specialist, to develop the HAVmeter.

It records cumulative real-time vibration data across all vibratory tools used by an employee throughout the working day.

The HAVmeter system features a durable, colour-coded tool tag on each piece of equipment, a magnetic swipe card for each operator and a base station within the team™s crew bus.

Each tool is allocated a tag - colour coded green, orange or red - to signify the general level of vibration produced and the recommended safe daily exposure. Using a personal swipe card, each operator signs out a HAVmeter from the base station, this attaches magnetically to the tool tag on the equipment.

When the operator is approaching their maximum daily exposure level, the HAVmeter provides a visual warning.

At the end of each working day, the HAVmeter is returned to the base station where the unit is recharged and the vibration data automatically saved to the station™s internal memory. This information is then downloaded onto Tarmac™s health and safety database, where operator exposure records and HAV trends are analysed.

ARTICLE IMAGES

