Trigger–time diagram

Vibration level 3D-value (M/S²) (vertical axis: 0–20)

Daily usage time (horizontal axis: 0:00–10:00)

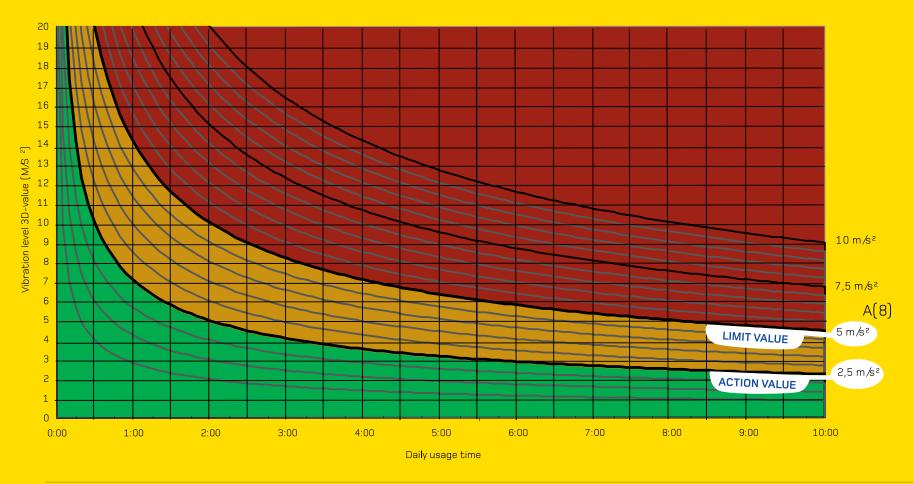Curve labels: 10 m/s², 7,5 m/s², A(8), LIMIT VALUE — 5 m/s², ACTION VALUE — 2,5 m/s²

Do as follows:

EXAMPLE – ACTION VALUE (warning value)
Say the vibration value is 7 m/s2. Start at that point on the **vertical axis** and follow the **horizontal** line to the point where it reaches the **yellow** field. Read off the action value on the horizontal axis. It will be just over one hour. In other words, this is how long you can work with this particular machine during a working day, without exceeding the action value

EXAMPLE – LIMIT VALUE (stop value)
Now, follow the same line to the point where it reaches the **red** area. This happens after about 4 hours and 15 minutes. At this time – the limit value – the work must be **stopped unconditionally** and action taken. Anyone who has reached the limit value must not be allowed to continue working with another vibrating machine during the current shift.

The figures in the diagram above should be considered as a rough estimate when assessing the risk. The real values depend on the machine's declared values and factors such as the machine's age and conditions, the drill/chisel/grinding disk's condition, the working position, the pressure applied and so on

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