

# Thameslink Programme

## Health & Safety – Good Practice 031

### Improving Hand Arm Vibration Safety- Reactec HAVWEAR

#### Overview/Description Redevelopment

Whilst the Costain team at London Bridge have been using Hand Arm Vibrations (HAVs) meters on site for some time, the team are constantly looking at new technology to help improve the management of safety.

New Reactec HAV watches have been introduced to give a greater level of HAVs exposure understanding. The watch signals to the user when they have exceeded the exposure limit value of 350 (a lower value than that stipulated by the Control of Vibration at Work Regulations).

Once placed back in the docking station, the monitor will then transport the information to a cloud based database, where reports can be drawn. Currently an automatic report is produced daily outlining who has exceeded their limit value.

#### Benefits

- Streamlines and simplifies the HAVs monitoring process, reduces human error, is auditable and supports employee behavioural change.
- Easy to train and user friendly HAV watch.
- Tracks tool usage.
- Real-time exposure points calculation & display.
- Exposure data automatically transmitted online (via Base station)
- On trigger arm, doesn't allow operatives to forget to put them on, staff cards are programmed to issue the HAV watches and tools to the individual upon arrival to the site as part of site induction.

#### Key Elements of Improvement

The watch is issued to operatives to wear as they book out a tool from the stores.

The watches are easy to use and provide operatives with real time exposure points. In addition it provides an audible signal when they breach the limit of use on the tool.

Produces data via a base station which allows the Costain management team to review exceedances and take action promptly.

Trend analysis can be produced.



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