

## Its possible to engineer out noise

Metco Engineering, a New Zealand company, has managed to **drop the noise by over 30 percent on the manufacturing floor.**

Management and the health and safety committee have worked together to make changes in the business such as

**Press tool punches:** ground shear angles onto the cutting faces of the press tool punches, reducing tonnage required to punch out parts, thus reducing noise

**Industrial machines:** vibration pads beneath industrial machines which reduce the noise and they have the added advantage of cutting out vibrations.

**Other machines:** For the machines that were not able to be directly quietened, sound-reducing boxes were built around them, which have dropped the noise levels by up to 60 percent for those machines.

“Staff who took an active role in the noise reduction programme couldn’t believe they were working beside the same machines.”

In a recent noise test by the council, a lawn mower at a neighbouring house registered higher on the monitoring equipment than Metco’s workshop.

<http://www.worksafe.govt.nz/worksafe/news/releases/2017/control-noise-for-safer-happier-workers>