

# NOISE LEVEL ASSESSMENT OF SHEAR WRENCHES

ASSESSMENT BODY	HAV CONTROL LTD
ASSESOR	MR. MARCUS BARHAM
TYPE OF ASSESSMENT	10 METER DISTANCE
DATE OF ASSESSMENT	16 <sup>TH</sup> AUGUST 2011

HAV Control Ltd were employed to carry out an assessment of the noise levels whilst using Electric Shear Wrenches over a distance of 10 meters in accordance with the "Control of Noise at Work Regulations 2005". Noise measurements were taken at a distance of 10 meters from where the shear wrench was being operated and two sets of measurements were taken (free spinning and under load).

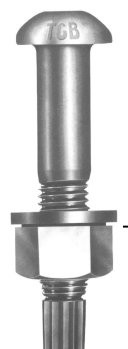
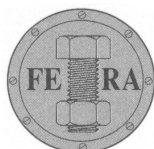
WRENCH MODEL	MODE	NOISE LEVEL dB(A)
GM161EZ	Free spinning, no load	69
	Installing bolts	65
GM221EZ	Free spinning, no load	69
	Installing bolts	66
GH241EZ	Free spinning, no load	69
	Installing bolts	67
GV301EZ	Free spinning, no load	68
	Installing bolts	57
GX361EZ	Free spinning, no load	70
	Installing bolts	66
Background noise	Pre test	56
	Post test	58

## Conclusions

Operators working at a distance of 10 meters from where a shear wrench is being operated are not likely to be exposed to a daily ( $L_{EP,d}$ ) personal noise exposure level at or above the Upper Action Value (UAV) of 85dB(A) and are not likely to be exposed to a daily ( $L_{EP,d}$ ) personal noise exposure level at or above the Lower Action Value (LAV) of 80dB(A).



Certificate No. FS 86045



Registration No. 1812190