

## RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer: SPE  
 Type: Floor Grinder  
 Model No. DFG400-2 Petrol  
 Motor: Honda GX 160 5.5hp  
 Operation : Concrete floor surface  
 Inserted Tool: Carborundum blocks  
 HAV Note: Operc

### HAND-ARM VIBRATION

#### Frequency Weighted Energy Equivalent Accelerations ( $a_{h,w}$ )

Measurement Position	Acceleration ( $m/s^2$ )
	Vector Sum
Handle	5.6

### NOISE LEVELS

#### Sound Power Level ( $L_{WA}$ )

$L_{WA}$ at Octave Band Centre Frequency (Hz)								Sound Power Level $L_{WA}$
63	125	250	500	1000	2000	4000	8000	
72.3	84.3	90.5	98.4	94.6	100.0	95.6	87.8	104

#### Operator's Ear

$L_{Aeq,T}$ at Octave Band Centre Frequency (Hz)								Overall Level ( $L_{Aeq,T}$ )	$L_{Peak}$ dB(C)
63	125	250	500	1000	2000	4000	8000		
55.7	65.3	78.3	86.6	83.9	86.7	81	73.5	91.5	105.8

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