

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer:	SPE
Type:	Diamond Floor Grinder
Model No.	DFG250-2 Petrol
Motor:	Honda 0HV 11 HP
Operation :	Concrete floor surface
Inserted Tool:	1 Diamond plate
HAV Note	Operc

HAND-ARM VIBRATION

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

Measurement Position	Acceleration (m/s^2)
	Vector Sum
Handle	4.9

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	
74.6	87.1	92.0	96.9	99.7	103.5	100.6	91.5	107.1

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		
57.5	66.8	78.9	82.5	83.1	85.2	82	72.5	90.8	106.3