

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer:	SPE
Type:	Compact Floor Grinder
Model No.	DFG200-5 Electric
Operation :	Concrete floor surface
Inserted Tool:	Diamond Plate
HAV Note:	Independent

HAND-ARM VIBRATION

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

Measurement Position	Acceleration (m/s^2)			
	X axis	Y axis	Z axis	Vector Sum
Handle	1.59	2.79	1.77	3.67

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	
51.0	73.8	88.4	91.9	94.9	97.5	90.8	80.2	100.7

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		
39.3	56.5	74.7	78.0	80.9	79.9	75.7	67.1	86.0	101.5