

**APPENDIX 26**

**RECORD OF NOISE AND VIBRATION ASSESSMENT**

Manufacturer:	SPE
Type:	Diamond Floor Grinder
Model No.	DFG700-1
Operation :	Concrete floor surface
HAV Note:	Operc

**HAND-ARM VIBRATION**

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

Measurement Position	Acceleration ( $m/s^2$ )
	Vector Sum
Handle	2.079

**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	
60.5	80.6	84.3	94.3	93.3	91.2	85.9	72.9	<b>97.8</b>

**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		
46.1	64.3	76.1	81.8	81.2	73	68.5	54.5	<b>84.5</b>	<b>100.9</b>



