

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer:	SPE
Type:	Scarifier
Model No.	BEF275-1 Petrol
Motor:	Honda GX340 11HP
Operation :	Concrete floor surface
Inserted Tool:	TCT cutters
Running Conditions:	2910 rpm
HAV Note:	Operc

HAND-ARM VIBRATION

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

Measurement Position	Acceleration (m/s^2) Vector Sum
Handle	5.3

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	
69.2	87.6	93.1	97.1	102.2	100.3	96.9	89.9	106.0

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		
54	71.2	76.3	85.3	89.7	87.7	83.1	75.9	92.3	107.3

