



BEF200-4

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer: SPE
 Type: Scarifier
 Model No. BEF200-4 Petrol
 Operation: Concrete floor surface
 Inserted Tool: TCT cutters
 Running Conditions: 2870 rpm
 HAV Note: Operc

HAND-ARM VIBRATION

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

Measurement Position	Acceleration (m/s^2)
	Vector Sum
Handle	4.4

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	
46.7	61.0	81.9	86.9	90.3	91.7	91.3	84.0	96.8

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		
32.1	44.1	67	75.6	79.4	77.5	75.6	67.5	84.2	99.8

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer:	SPE
Type:	Scarifier
Model No.	BEF200-4 Petrol
Operation:	Concrete floor surface
Inserted Tool:	Beam cutters
Running Conditions:	2870 rpm
HAV Note:	Operc

HAND-ARM VIBRATION

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

Measurement Position	Acceleration (m/s^2)
	Vector Sum
Handle	3.9

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	
46.7	61.0	81.9	86.9	90.3	91.7	91.3	84.0	96.8

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		
32.1	44.1	67	75.6	79.4	77.5	75.6	67.5	84.2	99.8