

BEF200-4

#### **RECORD OF NOISE AND VIBRATION ASSESSMENT**

Manufacturer: SPE Type: Scarifier

Model No. BEF200-4 Petrol Concrete floor surface

Inserted Tool: TCT cutters
Running Conditions: 2870 rpm
HAV Note: Operc

### **HAND-ARM VIBRATION**

## Frequency Weighted Energy Equivalent Accelerations (ah,w)

Measurement Position	Acceleration (m/s²)  Vector Sum
Handle	4.4

#### **NOISE LEVELS**

# Sound Power Level (L<sub>WA</sub>)

L <sub>WA</sub> at Octave Band Centre Frequency (Hz)								Sound Power	
	200								
63	125	250	500	1000	0	4000	8000	L <sub>WA</sub>	
46.7	61.0	81.9	86.9	90.3	91.7	91.3	84.0	96.8	

### **Operator's Ear**

L <sub>Aeq,T</sub> at Octave Band Centre Frequency (Hz)									L <sub>Peak</sub>
63	125	250	500	1000	200	4000	8000	Level (L <sub>Aeq,T</sub> )	dB(C)
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 Concrete floor surface

Inserted Tool:
Running Conditions:
HAV Note:
Beam cutters
2870 rpm
Operc

#### **HAND-ARM VIBRATION**

## Frequency Weighted Energy Equivalent Accelerations (ah,w)

Measurement Position	Acceleration (m/s²)  Vector Sum
Handle	3.9

### **NOISE LEVELS**

## Sound Power Level (LWA)

Soun Powe	L <sub>WA</sub> at Octave Band Centre Frequency (Hz)								
Leve	200								
0 L <sub>WA</sub>	8000	4000	0	1000	500	250	125	63	
<b>96.8</b>	84.0	91.3	91.7	90.3	86.9	81.9	61.0	46.7	

## **Operator's Ear**

L <sub>Aeq,T</sub> at Octave Band Centre Frequency (Hz)								Overall Level	L <sub>Peak</sub>
63	125	250	500	1000	200	4000	8000	(L <sub>Aeq,T</sub> )	dB(C)
32.1	44.1	67	75.6	79.4	77.5	75.6	67.5	84.2	99.8