

RECORD OF NOISE AND VIBRATION ASSESSMENT

Manufacturer:
 Type: Scarifier
 Model No. BEF 320-3A Diesel
 Motor: Yanmar
 Operation : Concrete floor surface
 Inserted Tool: TCT cutters
 Running Conditions: 1800 rpm
 HAV Note: Acoustic Associates

HAND-ARM VIBRATION

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

Measurement Position	Acceleration (m/s^2)
	Vector Sum
Handle	7.805

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	
83.8	94.1	98.6	105.4	106.9	105.3	101.0	94.8	111.6

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		
68.6	77.5	81.3	91.6	93	89.3	85.5	79.2	96.3	111

