



HAND ARM VIBRATION READY RECKONER

How to identify the risk:

- Look for the vibration rate of the equipment to be used, measured as metres per second squared (m/s²) - vibration magnitude (left side of the chart)
- Identify the time the equipment is to be used – exposure time (along the bottom of the chart)
- Where the two meet is the score, check the risk colour above the chart. To calculate the exposure time for two different pieces of equipment, repeat above and add the two scores together

[illegible]

Vibration Reading m/s2	Product Description
	Drill Continued
11	Drill / Screwdriver Cordless 24v
12	Impact Driver Cordless
10	Milwaukee 900K Heavy Duty Demolition Hammer
10	Power Scraper Light Duty
2.4	Rock Drill Atlas Copco TEX 05PE
5.3	Rock Drill - Air - Small
6.72	Rock Drill - Air - Medium
	Breaker
13.5	Light Duty Breaker - TE300 - AVR
Hammer only: 11	Light Duty Breaker SDS Max
	Medium Duty Breaker TE706AVR
	Medium Duty Breaker TE500AVR
	Heavy Duty Breaker
	Heavy Duty Breaker- 29.9kg - TE3000
	Heavy Duty Breaker
	Heavy Duty Road Breaker 2 Stroke BH23
	BH55R Heavy Duty Breaker
	Bosch GSH16-28 16kg Breaker
	Heavy Duty Road Breaker 110v HM1810TR
6.5	Road Breaker Heavy Low Vibration
4.6	Road Breaker Medium Low Vibration
6.4	Road Breaker Light Low Vibration
	Sander / Planer
2.5	Biscuit Joister Electric
3.5	Power Plane Electric
3	Power Planer Cordless
4	Plunge Router Electric
2.5	Belt Sander Electric 76mm (3in)
2.5	Belt Sander Electric 100mm (4in)
2.5	Milwaukee B5100S Heavy Duty Belt Sander
0.033	Edging Sander Standard 178mm (7in)
5.1	Edging Sander Heavy Duty 178mm (7in)
2.7	Floor Edging Sander Standard
1.6	Floor Sander Standard 110v 200mm
3	Floor Sander Heavy Duty
3	Floor Sander Standard
8.89	Floor Finishing Sander
4.5	Random Orbital Sander Electric
2.5	Orbital Sander Electric
3	Palm Sander Electric
5	Dustless Cutter 125mm (5in)
4.5	Wallchaser Heavy Duty Electric
7	Milwaukee WCE30 Diamond Wall Chaser 125mm
	Grinder
6.1	Milwaukee HD18AG32 Cordless Angle Grinder 115mm
4.5	Angle Grinder Cordless 100mm (4in)
Sanding: 2.5 Artificial Wheel: 8.5	Angle Grinder Cordless 115mm (4.5in)
	Angle Grinder Electric 100mm (4in)
	Angle Grinder Electric 115mm (4in)
	Milwaukee AG12-115 Light Duty 115mm Angle Grinder
	Angle Grinder Electric 125mm (5in)
	Milwaukee AG21-230 Heavy Duty Angle Grinder 230mm
	Angle Grinder Electric 230mm (9in)
	Air Grinder 100mm (4in)
	Air Grinder 172mm (7in)
	Air Grinder 300mm (12in)
	Cutters
3.9	Stihl TS 410 2- Stroke Cut Off Saw 300mm (12")
Front handle - 1.9 Rear handle - 2.6	Husqvarna K760 Oil Guard Cut Off Saw
Front handle - 1.9 Rear handle - 2.6	Masonry Cut Off Saw 2 Stroke 300mm (12in)
Front handle - 2 Rear handle - 2.6	Masonry Cut Off Saw 2 Stroke 350mm (14in)
Front handle: 3.7 Rear handle: 4.5	Masonry Cut Off Saw K970
3.1	Milwaukee CH5355 Abrasive Cut Off Saw
4.1	Chainsaw 2 Stroke 375mm (15in)
5.7	Chainsaw 2 Stroke 450mm (18in)
8.4	Chainsaw 2 Stroke 500mm / 530mm (20 / 21in)
2.9	Pole Saw
2.7m/s² (Front handle) 1.8m/s² (Rear handle)	4 stroke power cutter EK7650H
<2.5	Bench Top Chop Saw Electric 355mm
4.7	Masonry Floor Saw 110v 230mm (9in)
4.7	Masonry Floor Saw 110v 450mm (18in)
3	Floor Saw Light Duty Petrol 350mm (14in)
4	Masonry Floor Saw Diesel 500mm (20in)
3	Floor Saw Petrol 450mm (18in)
3	Floor Saw Petrol 450mm (18in)
2.5	Masonry Saw 110v 300mm
2.5	Masonry Saw 110v 350mm
3	Masonry Saw 110v 500mm
<2.5-4.7	Masonry Saw Petrol 350mm
3	Masonry Saw Petrol 500mm
7.7	Masonry Wall Saw
2.5	Circular / Ripsaw 36v Hilti WSC-70
2.5	Circular Saw Wood Electric 190mm
2.5	Metal Cutting Saw Electric
3	Circular Saw Wood Electric 230mm (9in)
2.5	Circular Saw - Cordless - 165mm
2.8	DOOR TRIMMING SAW
2.5	Jigsaw Cordless
6.5	Jigsaw Electric
6.5	Milwaukee JSPE135TQX Heavy Duty Corded Jigsaw
6.3	Milwaukee HD18JS52 Heavy Duty Cordless Jigsaw
10	Milwaukee HD28JSB-32C Heavy Duty Cordless Jigsaw
8.5	Reciprocating Saw Electric
5.5	Reciprocating Saw Cordless
9	Milwaukee SSEP1500 Reciprocating Saw
23.7	Milwaukee HD18SX32 Cordless Reciprocating Saw
10.5	Milwaukee C12HZ-22 Light Duty Cordless Reciprocating Saw 12v
16.8	Milwaukee HD28SX-32C Heavy Duty Reciprocating Saw
26	Milwaukee SSD1100K Corded Reciprocating Saw
4	General Purpose Saw Electric
<2.5	Milwaukee HD28CS-32C Heavy Duty Cordless Circular Saw 165mm
2.3	Milwaukee C560 Circular Saw 184mm
2.5m/s²	Cordless Metal Cutting Saw
<2.5	Milwaukee HD18CS532 Heavy Duty Cordless Circular Saw 165mm
2.5	Portable Band Saw 110v
<2.5	Milwaukee HD18BS532 Heavy Duty Cordless Bandsaw 18v
3.2ms2 Wood	Slide Mitre Saw
<2.5	Slide Mitre Saw Electric LS1216
2.5	Slide Compound Mitre Saw Electric LS1013
<2.5	Milwaukee MS305DB Heavy Duty Double Compound Mitre Saw
<2.5	Compound Mitre Saw Electric DW707 / DW707L
2.5	Flip Over Saw Electric LF1000
2.5	Table Saw - Electric - TKH5 315mm
2.5	Table Saw - Electric - 2704X
2.5	Site Saw Diesel Electric Start
2.5	Site Saw Petrol
7.5	Metal Nibbler - Electric - 1.6mm

Vibration Reading m/s2	Product Description
Cutters Continued	
10	Metal Nibbler - Electric - 3.2mm
6.5	Metal Shear - Electric - 1.6mm
18.5	Metal Shear - Electric - 3.2mm
<2.5	Pipe Cutter - Universal
2.5	Pipe Cutting Tool - Electric
16.4	Pipe Reciprocating Saw - Electric
<2.5	Milwaukee C12PC-21 Cordless Copper Tube Cutter
Zero	Rebar Tying Machine DF16
< 2.5	Re-Bar Cutter - Electric
<2.5	Stud Cutter - Cordless
<2.5	Stud Cutter - Manual
2.5	Re-Bar Cutter - Cordless
<2.5	Re-Bar Cutter & Bender - 110v
2.5	Conduit Threader - Electric
2.5	Hand Threader - Electric - Amigo 2
2.5	Pipe Threader - Ridgid 300
2.5	Pipe Threader - Ridgid 1233
2.5	Pipe Threader - Ridgid 1224
2.5	Pipe Jointing Tool-Cordless AC0202
2.5	Pressed Joint Tool 15 - 35mm
2.5	Pipe Jointing Tool - Supersize
Compactor / Rammer / Pocker	
2.42	Compactor Plate Petrol 300mm (12in)
3.25	Compactor Plate Petrol 300mm(12in)
4.74	Compactor Plate Petrol 350mm (14in) Anti - Vibration
<2.5	Forward / Reversible Compactor Plate Petrol 400mm (16in)
8.8	Forward / Reversible Compactor Plate Diesel 500mm (20in) Anti - Vibration
3.1	Forward / Reversible Compactor Plate Diesel 400mm (16in)
3.2	Forward / Reversible Plate Diesel 500mm (20in)
3.25	Compactor Plate Petrol 300mm (12in) c/w Water Tank
4.5	Compactor Plate Petrol 350mm (14in)
3.2	Compactor Plate Petrol 400mm (1in)
1.9	Compactor Plate Petrol 500mm (2in)
10	Trench Rammer 4 Stroke (65kg)
5.4	Trench Rammer 2 Stroke (57kg)
7.6	Trench Rammer 2 Stroke (66kg)
7.25m/s²	Trench Rammer - Belle RTX
8	Diamond Grinder 150mm
2.5	Hand Held Concrete Planer 110mm
<2.5	Floor Grinder 110v
5.6	Floor Grinder Petrol
4.4	Floor Planer / Scarifier 110v
6.6	Floor Planer / Scarifier Petrol 200mm
5.3	Floor Planer / Scarifier Petrol 275mm
3.8	Easy Screed Pro Drive Unit
7.1 - 11.7	Power Float 600mm (24in)
7.1 - 11.7	Power Float 900mm (36in)
7.1 - 11.7	Power Float 1200mm (48in)
0.97	Re - Bar Tier Cordless RB392
4	Roller Striker Drive Unit
1.14	Re - Bar Tier Cordless RB650
5.88	Twin Beam Tamper Drive Unit Petrol
1.99	Vibrating High Frequency Pocker 10 Metre 57mm
1.99	Vibrating High Frequency Pocker 37mm
2.13	Vibrating High Frequency Pocker 38mm
3.9	Vibrating High Frequency Pocker 5m 75mm
1.77	Vibrating High Frequency Pocker 52mm
3.5	Vibrating Pneumatic Pocker Air 28mm
3	Vibrating Pneumatic Pocker Air 38mm
<2.5	Vibrating Pneumatic Pocker Air 45mm
<2.5	Vibrating Pneumatic Pocker Air 65mm
2.86	Vibrating Pneumatic Pocker Air 75mm
<2.5	Vibrating Pneumatic Pocker 105mm
<2.5	Vibrating Pocker Flex 25mm
3.64	Vibrating Pocker Flex 35mm
4.77	Vibrating Pocker Flex 55mm
6.38	Vibrating Pocker Flex 68mm
7.89	Vibrating Pocker Flex 75mm
4.75 - 6.45	Vibrating Pocker Unit Hand Held c/w Shaft - 110v
8.8	Vibrating Pocker Unit Hand Held c/w Shaft - Petrol
6.3	Needle Gun Air
5.2	Air Pick Demo Low Vibration
5.2	Air Pick Clay Digger Low Vibration
0	Soil Pick
10.3	Air Pick Tunnelling Low Vibration
3.8	Hand Held Scabbler - Air - Single Head
4.9	Hand Held Scabbler - Air - Triple Head
5	Pole Scabbler Air Low Vibration
3.86	Floor Scabbler Crack Cutter
3.58	Floor Scabbler Air Triple Head
4.5	Floor Scabbler Air Five Head
6.5	Pole Srafer - Air
6.5	BHB Hydraulic Road Breaker
5	Hydraulic Breaker Gun 30ltr HM25
1.9	Air Grinder / Saw Vibration Reduced Cengar PL905
3	Finishing Nailer Kit AF633X
18	Bulk Nailer Kit AG125
5.5	Framing Nailer Kit AN943X
Cleaners	
<2.5	Floor Scarifier 110v
<2.5	Floor Scrubber / Dryer
<2.5	Heavy Duty Scrubber Dryer BR40/10
<2.5	Floor Scrubber
<2.5	Steam Cleaner 110v
<2.5	Steam Cleaner 240v
<2.5	Pressure Washer Diesel 2500psi
<2.5	Pressure Washer Diesel 3000psi
2.7	HDS Compact Eco Hot Washer
<2.5	Pressure Washer Petrol 2000psi
<2.5	Pressure Washer Petrol 3000psi
Plant	
6.64	Petrol Mini Dumper
9.5	Flat Bed Truck (Tracked Barrow)
Rail	
5.5 - Front / 4.1 - Rear handle	K1260 Rail Disc Cutter
5.5 - Front / 4.1 - Rear handle	K1260 LUL Spec Rail Disc Cutter
2.5	Cembre LD1P Petrol Rail Drill
2.5	Cembre LD2EN Electric Rail Drill
3.7	Cembre SD9 P2 Petrol Sleeper Drill
3.7	Cembre SD9 P2 Petrol Sleeper Drill
3.72	Cembre SD-10E2-110v Sleeper Drill
2.5	Cembre Clipping Machine - Fastclip
2.5	Cembre Clipping Machine - E-Clip
9.6 to 11.8	Cembre NR11-P Petrol Impact Wrench
4.2	Coach Screw M/C Petrol
7 to 11.6	Maxim Master 35 25mm Impact Wrench
4.67	MC3 Frog and Switch Grinder
10.3	MP12 Rail Profile Grinder
4.67	Geismar MC3 Rail Grinder - LUL Spec
4.36	MP23 Rail Profile Grinder
4.5	Cobra TT Petrol Tie Tamper
3.7 - Front / 4.5 Rear handle	Husqvarna K960

www.eagleplanthire.co.uk

This information sheet does not replace your legal duties and Eagle Hire accept no responsibility for any reliance placed on this information