

# HAND ARM VIBRATION & DECIBEL RATING

| Plant description                | Make                                                                          | Model      | Ms2 Reading | Exposure points per hour | Noise guide (Db)a | Source       |
|----------------------------------|-------------------------------------------------------------------------------|------------|-------------|--------------------------|-------------------|--------------|
| Air Tools                        |                                                                               |            |             |                          |                   |              |
| Medium duty Air Breaker          | Sullair                                                                       | SK5        | 5           | 50                       | 94                | Manufacturer |
| Medium Duty Air Breaker          | Sullair                                                                       | SK8        | 8.1         | 131                      | 94                | Manufacturer |
| Heavy Duty Air Breaker           | Sullair                                                                       | Mk250      | 3.6         | 26                       | 93                | Manufacturer |
| Rock Drill                       | Cp                                                                            | 9          | 6.6         | 87                       | 104               | Manufacturer |
| Single Headed Air Scabbler       | Trelawney                                                                     | 5095       | 4.5         | 41                       | 93                | Manufacturer |
| Triple Headed Air Scabbler       | Cp                                                                            | 6          | 6.9         | 95                       | 103               | Manufacturer |
| Single Headed Air Pole Scabbler  | Trelawney                                                                     | LRS55      | 4.2         | 35                       | 98                | Manufacturer |
| Cutting Tools                    |                                                                               |            |             |                          |                   |              |
| Wall Chaser                      | Hilti                                                                         | DCSE20     | 5.8         | 67                       | 104               | Manufacturer |
| 5 " Angle Grinder                | Makita                                                                        | GA5030     | 8.5         | 145                      | 85                | Manufacturer |
| 9" Angle Grinder                 | Makita                                                                        | GA9020     | 7.4         | 110                      | 89                | Manufacturer |
| 12" - 2 Stroke Cut Off Saw       | Stihl                                                                         | TS400      | 6.8         | 92                       | 114               | Manufacturer |
| 12" - 2 Stroke Cut Off Saw       | Stihl                                                                         | TS 410     | 3.3         | 22                       | 98                | Manufacturer |
| 12" - 2 Stroke Cut Off Saw       | Husqvarna                                                                     | K750       | 4.6         | 42                       | 97                | Manufacturer |
| Masonry Bench Saw                | Clipper                                                                       | CM501      | 2.5         | 13                       | 93                | Manufacturer |
| Floor Saw                        | Clipper                                                                       | C99        | 5.3         | 56                       | 88                | Manufacturer |
| Compaction                       |                                                                               |            |             |                          |                   |              |
| 12" Plate Compactor              | MBW                                                                           | GP1200S    | 6.1         | 74                       | 105               | Manufacturer |
| 14" Plate Compactor              | MBW                                                                           | GP1400     | 8.2         | 134                      | 108               | Manufacturer |
| 16" Plate Compactor              | MBW                                                                           | GP1600     | 8           | 128                      | 108               | Manufacturer |
| 20" Plate Compactor              | MBW                                                                           | GP2000     | 6.2         | 77                       | 108               | Manufacturer |
| Forward 7 Reverse                | Wacker                                                                        | DPU2540    | 10          | 200                      | 84                | Manufacturer |
| Trench Rammer                    | Wacker                                                                        | BS52Y      | 4.9         | 48                       | 108               | Manufacturer |
| Gardening & Landscaping          |                                                                               |            |             |                          |                   |              |
| 5 Hp Rotivator                   | Camon                                                                         | 2000       | 6.9         | 95                       | 85                | Manufacturer |
| 8 Hp Cultivator                  | Camon                                                                         | C8         | 4.9         | 48                       | 88                | Manufacturer |
| Strimmer                         | Stihl                                                                         | FS450      | 2.5         | 13                       | 99                | Manufacturer |
| Turt Cutter                      | Camon                                                                         | -          | 9.5         | 181                      | 87                | Manufacturer |
| Hedge trimmer                    | Stihl                                                                         | HS75       | 7.2         | 104                      | 97                | Manufacturer |
| Electric Chainsaw                | Makita                                                                        | UC4001A    | 4.7         | 44                       | 89                | Manufacturer |
| 2 Stroke Chainsaw                | Stihl                                                                         | Ms360      | 4           | 32                       | 115               | Manufacturer |
| Woodworking                      |                                                                               |            |             |                          |                   |              |
| Belt Sander                      | Makita                                                                        | 9404       | 2.5         | 13                       | 85                | Manufacturer |
| Jigsaw                           | Makita                                                                        | 4350CT     | 6.3         | 79                       | 84                | Manufacturer |
| Reciprocating Saw                | Makita                                                                        | JR3070CT   | 8.5         | 145                      | 88                | Manufacturer |
| Mitre Saw                        | Makita                                                                        | LS1013     | 2.5         | 13                       | 88                | Manufacturer |
| 9" Circ Saw                      | Makita                                                                        | 5903R      | 3           | 18                       | 92                | Manufacturer |
| Wood Planer                      | Makita                                                                        | 3612C      | 2.5         | 13                       | 84                | Manufacturer |
| Router                           | Makita                                                                        | 3612       | 3           | 18                       | 84                | Manufacturer |
| Surface Preparation & Concreting |                                                                               |            |             |                          |                   |              |
| High Frequency Poker             | Wacker                                                                        | 57mm       | 4           | 32                       | 79                | Manufacturer |
| Power float                      | Whiteman                                                                      | J36H55QXHP | 1.6         | 5                        | 87                | Manufacturer |
| Floor Tile Litter                | SPE                                                                           | MS230      | 13.5        | 365                      | 80                | Manufacturer |
| Petrol Floor Planer              | SPE                                                                           | BEF200     | 7.4         | 110                      | 90                | Manufacturer |
| Floor Grinder Petrol             | SPE                                                                           | DFG400     | 5.6         | 63                       | 104               | Manufacturer |
| Masonry Planer                   | Makita                                                                        | PC1100     | 5.5         | 61                       | 88                | Manufacturer |
| Breaking & Drilling              |                                                                               |            |             |                          |                   |              |
| Hydraulic Breaker                | JCB                                                                           | HM25       | 6.7         | 90                       | 106               | Manufacturer |
| Heavy Electric Breaker           | bosch                                                                         | GSH27VC    | 8.5         | 145                      | 105               | Manufacturer |
| SDS Plus Drill                   | Bosch                                                                         | Multidrill | 11          | 242                      | 108               | Manufacturer |
| SDS Max Drill                    | Bosch                                                                         | GBH5-38D   | 21.5        | 925                      | 110               | Manufacturer |
| Medium Breaker                   | Makita                                                                        | HM1230C    | 15.5        | 481                      | 101               | Manufacturer |
| Half Inch Percussion Drill       | Makita                                                                        | HP2051     | 2.5         | 13                       | 97                | Manufacturer |
| Diamond Drill Large              | Weka                                                                          | DK32       | 2.5         | 13                       | 86                | Manufacturer |
| Diamond Drill Medium             | Blue Toro                                                                     | 150        | 2.5         | 13                       | 90                | Manufacturer |
| MS2 Rating Explanation           |                                                                               |            |             |                          |                   |              |
|                                  | Equipment can be used intermittently throughout the day                       |            |             |                          |                   |              |
|                                  | Can be used for upto two hours a day, over this point risk assesment required |            |             |                          |                   |              |
|                                  | Risk access, significant chance of injury without proper monitoring           |            |             |                          |                   |              |
| Db rating                        |                                                                               |            |             |                          |                   |              |
| 80Db - 85Db                      | Hearing protection should be made readily available, use of is advised.       |            |             |                          |                   |              |
| 85Db - 87Db                      | Suitable ear protection <b>MUST</b> be worn at all times.                     |            |             |                          |                   |              |
| 87Db <                           | Seek practical steps to reduce noise at source, or limit exposure.            |            |             |                          |                   |              |

The law requires workers to be exposed to no more than 400 points in an 8 hour working day, regardless of different tools or site requirements. The operator must take resonable care to ensure that this points level is not exceeded under any circumstances. Site characteristics may affect the figures quoted, these are illustrative only and have been sourced from manufacturers literature.