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| --- | --- | --- | --- |
| **Management Unit:** |  | **Location: (Site/ Building/ Room)** |  |
| **Assessment Date:** |  | **Review Date:** |  |
| **Assessors Name:** |  | **Job Title:** |  |
| **Task/ Activity: Using and handling vibrating tools and equipment** | | | |

| **Hazard description** | **Existing controls in place to reduce risk. Check that these controls are actually working** | **Action needed to reduce risks** | **Risk Evaluation** | | | **Risk Rating** |
| --- | --- | --- | --- | --- | --- | --- |
| **Consequence**  **(1 – 3)** | **Likelihood**  **(1 – 3)** | **Overall risk**  **(C x L)** | **Low, Medium or High** |
| Inadequate information, instruction and training | All operatives and supervisors to be provided with hand arm and whole body vibration training. | Thereafter toolbox talks can be provided as ongoing refresher training | 2 | 1 | 4 | M |
| Vulnerable employees  e.g. young persons, new and expectant mothers, staff with disabilities or health conditions that might increase risk. | Short self-assessment questionnaire issued to screen employees who will be working with vibration as part of the Occupational Health program | Individual risk assessments to be carried out by line manager in conjunction with OH and SEPS for vulnerable employees e.g. Staff with pre-existing medical conditions such as Reynolds syndrome, heart disease, high blood pressure, diabetes, pregnancy, arthritis, back/ limb injuries.  Pre employment screening also to be carried out in the relevant units. | 3 | 2 | 6 | H |
| Poor health surveillance | Annual screening carried out by Occupational Health Service of employees assessed by local unit to be at risk.  Further assessment also carried out by SEPS to identify risk groups. | On referral, all at risk employees to undergo further medical assessment and fitness to work assessment by physician | 1 | 1 | 1 | L |
| Poorly maintained equipment | Inventory of work equipment kept by the garage.  Equipment is checked before use, high vibration levels and faults are reported and fixed. | Maintenance programme is in place for high use tools that cause hand arm vibration (HAV) | 2 | 2 | 4 | M |
| Unsuitable equipment | Supervisors to ensure that the equipment provided is suitable for the intended use.  When selecting new equipment preference is given to equipment with low vibration levels. | Compare vibration data from different manufacturers prior to purchasing products.  Create equipment replacement plan, prioritising according to vibration levels and usage. | 2 | 2 | 4 | M |
| Monitoring | HAV levels have been measured for rotary and percussive equipment | High risk equipment to be colour coded and labelled and staff informed. | 2 | 1 | 2 | L |
| Excessive vibration Exposure | Restrictions in place to limit duration and frequency of using high vibration equipment.  Job rotation used to limit exposure of individual workers and provide variety of movement to work activities  Outdoor workers provided with clothing appropriate to weather including gloves | Workers exposure to be regularly reviewed and discussed at team meetings and alternative ways of working developed  Vibration exposure to be monitored by supervisors via log sheets. | 2 | 1 | 2 | L |