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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Hand Power/Battery Tools Risk Assessment** | | | | | | | | | | |  | | |
|  | |  | | |  | | | | | |  | |  | | |
| **Suppliers Company Name: Makita NZ Ltd** | | | | **Date: 21/05/24** | | | | | | | **Plant Description:** GA050G | | | | |
|  | |  | | |  | | | | | |  | |  | | |
| **MANDATORY PERSONAL PROTECTIVE EQUIPMENT** | | | | | | | | | | | | | | | |
|  | |  | | |  | | | | | |  | |  | | |
|  | Hearing Protection |  | Head Protection | |  | Shock Protection |  | Toxic Material | | | | | |  | Face Shield |
|  | Hand Protection |  | Protective Clothing | |  | Ventilation |  | Safety Harness | | | | | |  | Visual |
|  | Eye Protection |  | Foot Protection | |  | Dust Mask |  | Safety Chaps | | | | | |  | Breathing Filter |
|  | |  | | |  | | | | | |  | |  | | |
| **Example: Questions** | | | | | | | | | **Yes** | **No** | | **N/A** | **Example: Comments** | | |
| Can anyone be injured due to repetitive body movement? | | | | | | | | |  |  | |  | Do not operate for prolonged periods | | |
|  | | | | | | | | |  |  | |  |  | | |
| **Entanglement** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone’s hair, clothing, gloves, necktie, jewellery, cleaning brushes, rags or other materials become entangles with moving parts of the plant, or materials in motion? | | | | | | | | |  |  | |  | Ensure hair is tied back, loose clothing and jewellery is removed to avoid catching | | |
| **Crushing** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be crushed due to coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning etc | | | | | | | | |  |  | |  |  | | |
| **Cutting, Stabbing and Puncturing** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be cut, stabbed or punctured due to coming in contact with sharp or flying objects? | | | | | | | | |  |  | |  | Ensure all tools are turned off before moving to a new location to avoid injury to yourself and others | | |
| Can anyone be cut, stabbed or punctured due to coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant? | | | | | | | | |  |  | |  |  | | |
| Can anyone be cut, stabbed or punctured due to the plant, pars of the plant or work pieces disintegration? | | | | | | | | |  |  | |  |  | | |
| Can anyone be cut, stabbed or punctured due to work pieces being ejected? | | | | | | | | |  |  | |  |  | | |
| Can anyone be cut, stabbed or punctured due to uncontrolled or unexpected movement of the plant? | | | | | | | | |  |  | |  |  | | |
| **Shearing** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone’s body parts be sheared between two parts of the plant, or between a part of the plant and a work piece of structure? | | | | | | | | |  |  | |  |  | | |
| **Friction** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be burnt due to contact with moving parts or surfaces of the plant, or material handled by the plant? | | | | | | | | |  |  | |  | Gloves are to be worn to avoid sparks coming in contact with the skin as these can cause permanent damage | | |
| **Striking** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be struck by moving objects due to uncontrolled or unexpected movement of plant or material handled by the plant? | | | | | | | | |  |  | |  | Ensure steady and stable movements to avoid slipping which can result in injury | | |
| Can anyone be struck by moving objects due to the plant, parts of the plant or work piece disintegrating? | | | | | | | | |  |  | |  |  | | |
| Can anyone be struck by moving objects due to work pieces be ejected? | | | | | | | | |  |  | |  | All guards and blades must be secured correctly to avoid detatching | | |
| Can anyone be struck by moving objects due to other factors not mentioned? | | | | | | | | |  |  | |  |  | | |
| **Electrical** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be injured by electrical shock or burnt due to the plant contacting live electrical conductors? | | | | | | | | |  |  | |  | Avoid body contact with earthed or grounded surfaces such  as pipes, radiators, ranges and refrigerators.  There is an increased risk of electric shock if your body is earthed or  grounded | | |
| Can anyone be injured by electrical shock or burnt due to the plant working in close proximity to electrical conductors? | | | | | | | | |  |  | |  | Avoid body contact with earthed or grounded surfaces such  as pipes, radiators, ranges and refrigerators.  There is an increased risk of electric shock if your body is earthed or  grounded | | |
| **Explosion** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be injured by explosion of gases, vapours, liquids, dusts, batteries or other substances, triggered by the operation of the plant or by material handled by the plant? | | | | | | | | |  |  | |  |  | | |
| **Slipping, Tripping and Falling** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to uneven or slippery work services? | | | | | | | | |  |  | |  |  | | |
| Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to poor housekeeping, e.g. swarf in the vicinity of the plant, spillage not cleaned up? | | | | | | | | |  |  | |  |  | | |
| Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to obstacles being placed in the vicinity of the plant? | | | | | | | | |  |  | |  |  | | |
| Can anyone fall from a height due to lack of proper work platform? | | | | | | | | |  |  | |  | Ensure stable footing or ladder to reduce the risk of falling while using the plant | | |
| Can anyone fall from a height due to lack of proper stairs or ladders? | | | | | | | | |  |  | |  |  | | |
| Can anyone fall from a height due to steep walking surfaces? | | | | | | | | |  |  | |  |  | | |
| Can anyone fall from a height due to collapse of the supporting structure? | | | | | | | | |  |  | |  |  | | |
| **Ergonomic** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be injured due to repetitive body movement? | | | | | | | | |  |  | |  | Ensure proper posture to avoid injury or strain. | | |
| Can anyone be injured due to lack of consideration given to human error or human behaviour? | | | | | | | | |  |  | |  | Lack of awareness for surroundings on site | | |
| Can anyone be injured due to mismatch of the plant with human traits and natural limitations? | | | | | | | | |  |  | |  |  | | |
| Can anyone be injured due to other factors not mentioned? | | | | | | | | |  |  | |  | Proper posture and not using the plant for prolonged periods of time will reduce chances of injury occuring | | |
| **Suffocation** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be suffocated due to lack of oxygen, or atmospheric contamination? | | | | | | | | |  |  | |  |  | | |
| **High Temperature or Fire** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone come into contact with objects at high temperature? | | | | | | | | |  |  | |  |  | | |
| Can anyone be injured by fire? | | | | | | | | |  |  | |  |  | | |
| **Other Hazards** | | | | | | | | | **Yes** | **No** | | **N/A** | **Comments** | | |
| Can anyone be injured or suffer ill-health from exposure to fumes? | | | | | | | | |  |  | |  |  | | |
| Can anyone be injured or suffer ill-health from exposure to dust? | | | | | | | | |  |  | |  | Dust exposure can cause damage to the lungs and respiratory system, but some types can cause cancer. | | |
| Can anyone be injured or suffer ill-health from exposure to noise? | | | | | | | | |  |  | |  | Enduring loud noise for extended periods of time will cause permanent damage to your hearing. | | |
| Can anyone be injured or suffer ill-health from exposure to vibration? | | | | | | | | |  |  | |  | Prolonged use can cause injury or disorder - may include damage to the blood circulatory system, damage to the nervous  system, damage to joints, and possibly damage to other body structures. | | |
| Can anyone be injured or suffer ill-health from exposure to other factors not mentioned? | | | | | | | | |  |  | |  |  | | |