| **Hazards** | **Is the hazard present?**  **Y/N** | **What is the risk?** | **Risk rating**  **H = High**  **M = Medium L = Low** | **Control measures** | **Is this control in place?**  **Y/N** | **If no, what actions are required to implement the control?** | **Person responsible** | **Date action completed** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Contact with Cutters  Note: This machine is classed as a “high risk  woodworking machine” under health and safety Regulations |  | Cuts/ Lacerations  Amputations Entanglement | H | Adjustable bridge guard is in place (lockable in any position without the use of a tool), height adjustable and sized appropriate to the cutter |  |  |  |  |
| H | The stop control is more prominent than the start control to facilitate ease and speed of access when it is necessary to turn off the machine |
| H | The machine is fitted with an emergency stop control (usually red domed mushroom type head on yellow housing) in an appropriate location, which is easily accessible in an emergency |
| **[Ref.S.I. No.36 of 2016]** |  |  | The emergency stop works |
| H | The flap type[23] emergency stop control (flap- stop is a normal start and stop contact, which is equipped with a yellow flap and red mushroom- type push buttons, covering both the start and stop contacts) **is not acceptable** where there is a need for an emergency stop |
|  |  | H | In the event of power supply interruption, automatic restart is prevented after restoration of the power supply |
| Direct contact with moving parts |  | Injuries e.g. laceration, amputation, bruising, fracture or burns | H | Before use a visual check should be carried out to ensure where applicable all guards and covers are fitted, in good order and there are no visible faults |  |  |  |  |
| H | Machine used in compliance with manufacturer’s instructions |
| M | The operator’s manual is available |
| H | Dangling jewellery is prohibited  Gloves, rings or loose clothing are not worn |
| H | Long hair is tied back |

 [23]Flap Type Emergency Stop Control



| **Hazards** | **Is the hazard present?**  **Y/N** | **What is the risk?** | **Risk rating**  **H = High**  **M = Medium L = Low** | **Control measures** | **Is this control in place?**  **Y/N** | **If no, what actions are required to implement the control?** | **Person responsible** | **Date action completed** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Contact with drive system |  | Severe cuts or amputation of fingers | H | Bottom guard is securely fitted  The guard is removable only with the use of a tool, or alternatively is fitted with an interlocking guard mechanism |  |  |  |  |
| Contact by persons (other than  the operator) with moving machine |  | Entanglement, pinching, amputation of body parts | H | Safe operational areas are marked out clearly around machines |  |  |  |  |
| Rotating parts |  | Eye injury Entanglement Severe hand injury | H | The settings of cutting edges are correct  Dimensions and settings of bridge guard are adequate |  |  |  |  |
| Unsecured machine |  | Movement of machine leading to injury during use | H | The machine is securely fixed to the floor |  |  |  |  |
| Kick-back of work piece |  | Severe impact injury | H | An anti-kickback device is fitted |  |  |  |  |
| Unsupervised use of machines |  | Unsupervised use leading to injury | H | Use of this machine is restricted-to authorised teachers |  |  |  |  |
| H | Machinery to be used by teachers only is clearly identified |

| **Hazards** | **Is the hazard present?**  **Y/N** | **What is the risk?** | **Risk rating**  **H = High**  **M = Medium L = Low** | **Control measures** | **Is this control in place?**  **Y/N** | **If no, what actions are required to implement the control?** | **Person responsible** | **Date action completed** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Electric shock, electrocution, burns, death |  | Electric shock/ fire/ burns | H | A visual check is carried out before use |  |  |  |  |
| H | Machines are serviced by a competent person and service records kept as part of the maintenance schedule |
| H | Defective electrical equipment is clearly identified and labelled as out of use  All faults are recorded in log book Previous faults have received attention  Defects are reported to the person in control of the workplace to ensure all items are repaired or replaced |
| H | Cables are free from damage, do not have any non-standard joints, or show any signs of overheating |
| Accidental start-up |  |  | H | Equipment is locked off when not in use |  |  |  |  |
| Inadequate signage |  | Inadequate information and warnings leading to unsafe use of machine and injury | M | Warning signs are prominently located and maintained in good condition |  |  |  |  |
| Noise |  | Hearing damage | H | Noise measurements are carried out where necessary by a competent person  Warning signs are in place beside noisy equipment and are visible  Hearing protection is worn where necessary |  |  |  |  |

| **Hazards** | **Is the hazard present?**  **Y/N** | **What is the risk?** | **Risk rating**  **H = High**  **M = Medium L = Low** | **Control measures** | **Is this control in place?**  **Y/N** | **If no, what actions are required to implement the control?** | **Person responsible** | **Date action completed** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Flying fragments |  | Eye/facial injury | H | Appropriate eye protection is worn |  |  |  |  |
| Dust |  | Dust inhalation  Respiratory problems  Eye irritation | H | The machine is fitted to a suitable dust extraction device system when in use,  e.g. local extraction unit or central extraction unit |  |  |  |  |
| H | Exposure to all wood dusts (hard and soft woods) is strictly controlled i.e. dust levels are kept well below the relevant occupational exposure limit values (OELVs)24 |
| H | Respiratory protective equipment (RPE) is used during change of filter bag e.g. CE marked disposable filtering face piece respirators FFP2 (as long as all other controls are working effectively, and they are well below the OELV) |
| H | Appropriate personal protective equipment (PPE) is available, e.g. overalls, eye protection, etc. |
| H | Housekeeping is maintained to a high standard to ensure control of any residual dust |
| Ingestion of contaminated material |  | Poisoning or ill health | M | Food and drink are prohibited in working area |  |  |  |  |
| Contact with hazardous materials |  | Exposure to hazardous materials | M | Personal hygiene is promoted (washing of hands, use of barrier creams etc.) |  |  |  |  |

 24 See Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations 2018

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If there is one or more **High Risk (H)** actions needed, then the risk of injury could be high and immediate action should be taken.

**Medium Risk (M)** actions should be dealt with as soon as possible. **Low Risk (L)** actions should be dealt with as soon as practicable.

Risk Assessment carried out by: Date: / /