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| --- | --- | --- | --- | --- | --- |
| Building and Room Number |  | Local Room Name |  | Department/  Division |  |

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| --- | --- | --- | --- | --- | --- | --- |
| **Hazard** | **Abbreviation** | | **Hazard/Warning** | | **Description / Location of Hazard** | **Mitigation** |
|  |  | | **Laser** | | Contains Class 4 Laser. | Lasers are interlocked with door. Do not override interlock system. |
|  |  | | **High Temperature** | | Parts may be hot after cutting. | Do not touch parts immediately after cut. |
|  |  | | **High Voltage** | | Laser tube powered with high voltage supply. | Do not remove panels whilst system energised. |
|  | **F** | | **Ignition Source** | | Laser may ignite workpiece. | Do not leave machine unattended whilst operating. Remove dust and debris from bed. |
|  | **Xi** | | **Irritant** | | Smoke and fume may be generated during cutting operation. | Ensure ventilation active. Allow fumes to disperse before opening cover. |
|  |  | |  | |  |  |
| **Fire Fighting and Environmental Hazard** | | | | | | |
| **Do not use water fire extinguisher**.  **Ensure ventilation system is turned on and operating prior to laser operation**. | | | | | | |
|  |  | |  | |  |  |
| **Power Supply and Shutdown Procedure** | | | | | | |
| In the event of an emergency, equipment may be safely turned off at the wall sockets. | | | | | | |
|  |  | |  | |  |  |
| **Responsible User Details** | | | | | | |
| Name | | Direct Dial | | Mobile/Out of Hours | | Location (Building/Room No.) |
|  | |  | |  | |  |
|  | |  | |  | |  |
|  |  | |  | |  |  |
| **Additional Information** | | | | | | |
| Only material that is explicitly included on the ‘safe materials’ list may be cut on this machine.  Machine must not be operated unattended. | | | | | | |