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| **Hazard** | **Abbreviation** | | **Hazard/Warning** | **Description / Location of Hazard** | | **Mitigation** |
|  |  | | **Laser** | Contains Class 4 Laser. | | Laser is interlocked with lid & will switch off if lid opens. 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 on the machine body whilst system is 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. |
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| **Fire Fighting and Environmental Hazard** | | | | | | |
| **Do not use water fire extinguisher**.  **Ensure ventilation system is turned on and operating prior to laser operation**. | | | | | | |
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| **Power Supply and Shutdown Procedure** | | | | | | |
| In the event of an emergency, equipment may be safely turned off at the wall sockets. | | | | | | |
| **Emergency Contact Procedure** | | | | | | |
| In the event of an emergency, speak to the technician or keyholder on duty.  Should they not be available, contact any of the individuals below. | | | | | | |
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| **Responsible User Details** | | | | | | |
| Name | | Mobile | | | Notes | |
| Jared Reabow | | 07929 596 513 | | | Oxhack Technician. | |
| Jamie Lokier | | 07853 244 489 | | | Oxhack Director. Lives nearby. | |
| Lauren Hutchinson | | 07708 931 042 | | | Oxhack Director. H&S / insurance lead. | |
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| **Additional Information** | | | | | | |
| Only Oxhack members who have passed the formal training induction may use this machine.  Anyone else needing a cut done should email [prototyping@oxhack.org](mailto:prototyping@oxhack.org) or phone the Oxhack technicians on 01865 261 462.  Only material that is explicitly included on the ‘safe materials’ list may be cut on this machine.  Machine must not be operated unattended. | | | | | | |

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| Building & Room Number | OCFI , Room B8 | Local Room Name | Laser Cutter Room | Department/  Division | Oxford Hackspace |