**Risk Assessment Form – RA-** **LeicaDMi4000\_V1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Title of Assessment | Leica DMi4000 B Fluorescence microscope | | | Date of assessment | | 05/01/2018 |
|  |  |  | | Date for review | | 05/01/2019 |
| Department | Physics | | |  | |  |
|  |  |  | |  | |  |
| Descriptions of Activities | Use of the Leica DMi4000 B Fluorescence microscopein G74 | | | | | |
|  |  | |  | |  | |
| Name of those working to this assessment | Trained Leica DMi4000 B Fluorescence microscope Operators | | Any others who may be affected by this assessment | | All other Lab users | |
| Assessment carried out by | Ben Breeze | |  | | | |
|  |  | |  | | | |

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| --- | --- |
| Additional information | For details of general lab risk assessment please see appropriate local Rules.  The Leica DMi4000 B Fluorescence microscope is situated inside a laser lab therefore all users must have completed the basic laser safety training course. Access to the Diamond view may be limited if other lab users are operating open beam alignment. |

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| --- | --- | --- | --- | --- | --- | --- |
| **Foreseeable Significant Hazard** | **Hazard Risk** | **Existing control measures** | **Controlled residual risk** | **Further Action** where risk remains moderate/high | **By whom & when** | **Controlled Risk Level** |
| **Main electricity.** | Electric shock or burns. | Users are not to tamper with the equipment. All equipment must have an in date Pat test. | (Major, Unlikely)  Low | none | Ben Breeze  05/01/2018 | Low |
| **Broad band light Source.** | Irritation to eyes/skin | Users are not to remove the covers or light guides from Microscope | (Minor, Unlikely)  Very Low | none | Ben Breeze  05/01/2018 | Very Low |
| **Obstructed walkways** | Slip, Fall | Do not block walkways, be aware of risk | (Minor, Possible)  Low | none | Ben Breeze  05/01/2018 | Low |
| **Dirt or polluted work area** | Poisoning, eye and skin irritation | Keep all work areas clean and tidy | (Minor, Possible)  Low | none | Ben Breeze  05/01/2018 | Low |
|  |  |  |  |  |  |  |
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**Work should not be carried out until the assessment is completed to a suitable & sufficient level and all required control measures are in place.**

Is assessment suitable and sufficient Yes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Any further actions required to allow work to commence | | None | | |
|  | |  |  |  |
| Approved By | Ben Breeze |  | Position | RTP-Manager |
| Date | 05/01/2018 |  |  |  |

Please print a copy, sign it and keep for your records

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Severity of injury** | | | | |  |  | |
| **Likelihood** | **Superficial** | **Minor** | **Serious** | **Major** | **Extreme** |
| Unlikely | **Very low** | **Very low** | **Low** | **Low** | **Moderate** |
| Possible | **Very low** | **Low** | **Low** | **Moderate** | **High** |
| Likely | **Low** | **Low** | **Moderate** | **High** | **Very high** |
| Very likely | **Low** | **Moderate** | **High** | **Very high** | **Very high** | **Overall Risk Rating** (highest level found) | **Low** |
| Extremely likely | **Moderate** | **High** | **Very high** | **Very high** | **Very high** |

*See ‘Matrix for risk evaluation’ for further guidance.*