**GENERAL HEALTH AND SAFETY RISK ASSESSMENT FORM**

<table>
<thead>
<tr>
<th>Site</th>
<th>Department</th>
<th>Metallurgy and Materials</th>
<th>Version / Ref No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Netshape Building</td>
<td></td>
<td></td>
<td>004</td>
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</table>

<table>
<thead>
<tr>
<th>Activity Location</th>
<th>Activity Description</th>
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<tbody>
<tr>
<td>University of Birmingham</td>
<td>COVID-19: Building Risk Assessment for the Netshape Building (G7) covering research staff, postgraduate and undergraduate students, essential maintenance and support contractors. No restrictions on the number of people present in the building, subject to conforming to Track &amp; Trace.</td>
</tr>
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<table>
<thead>
<tr>
<th>Assessor</th>
<th>Assessment Date</th>
<th>Date of Assessment Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moataz Attallah</td>
<td>02/12/2021</td>
<td>2022/03</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Academic / Manager Name</th>
<th>Academic / Manager Signature</th>
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</thead>
<tbody>
<tr>
<td>Moataz Attallah/Irina Hoffman</td>
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<table>
<thead>
<tr>
<th>Hazard Assessment</th>
<th>Control Assessment</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Category</td>
<td>Hazards Identified</td>
<td>Who might be harmed?</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>Organisationa l</td>
<td>Psychologica l well being</td>
<td>Staff / Students</td>
</tr>
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</table>
New workplace/controls put in place to reduce risk of exposure to COVID 19 are documented in procedures and policies and disseminated to employees through Line Managers and academic leads. These include:

- Local induction materials
- COVID-19: Building Risk Assessment (This completed Risk Assessment)

New workplace/controls put in place to reduce risk of exposure to COVID 19 are documented in procedures and policies and disseminated to employees through Line Managers and academic leads. These include:

- Social distancing: General guidance for staff and students
- Social distancing: Buildings adaptations guidance
- Social distancing: Product solutions booklet
- Social distancing: Building checklist
- On-line induction materials for returning to campus: combination of the guidance and videos.

https://intranet.birmingham.ac.uk/staff/coronavirus/essential-resources-and-checklist.aspx

- Return to Campus COVID-19: Building Risk Assessment (click here)

Line managers are aware of how big changes to working arrangements may cause additional work-related stress and affect their employees’ mental health and wellbeing.

Organisationa l Psychological well being Staff and students Anxiety and stress caused by concerns around working on Campus Managers hold regular informal discussions with their team and look at ways to reduce causes of stress are through weekly online team meetings.

Concerns on workload issues or support needs are escalated to line manager or academic lead

Information on the full range of Coronavirus – Covid-19 support available for staff including those who were previously advised by Occupational Health or a medical professional (including a midwife in respect of pregnancy) not to work on campus and staff who are in the clinically extremely vulnerable group (i.e. those previously advised to shield) is available here.

Existing risk assessments including those for new or expectant mothers reviewed and revised to reflect new working arrangements. Reasonable adjustments
made, including those needed for PEEPs especially in relation to who will assist with their evacuation in an emergency, to avoid staff that require them including disabled workers being put at a disadvantage.

Employees who have concerns about either working on Campus or working from home/remotely have discussed these with their line manager or supervisor and concerns have been formally recorded and where necessary they have been signposted to the EAP for support and/or a referral to occupational health has been made using a standard Management Referral available via the HR Portal.

Employees are made aware of support mechanisms available to them (e.g. counselling, occupational health, HR, etc.) through line managers, internal communications and University webpages:

Working on campus (birmingham.ac.uk)

https://intranet.birmingham.ac.uk/staff/coronavirus/faqs-for-staff.aspx

https://intranet.birmingham.ac.uk/hr/wellbeing/index.aspx

https://intranet.birmingham.ac.uk/hr/wellbeing/workinghealth/index.aspx

This link is for students: https://intranet.birmingham.ac.uk/student/coronavirus/Wellbeing.aspx

| Biological | Virus transmission in the workplace | Staff / Students/ Contractors | Exposure to respiratory droplets carrying COVID-19 from an infectious individual transmitted via sneezing, coughing or speaking. | Staff continue to work using the mixed model of site and home based (hybrid working) as agreed with line manager, in line with Government and University guidance. Managers/supervisors ensure staff and students with any form of illness do not attend work/campus until the illness has been verified as not being Covid-19. Managers/supervisors keep track of when staff and students can return to work/campus after the self-isolation period. Regular access to the Lateral Flow Device tests and kits are available to staff and students who are... | 4 | 2 | 8 | Yes | N/A |
coming onto campus. Staff and students are strongly encouraged to test twice a week and to record their results on the Government’s reporting website: https://www.gov.uk/report-covid19-result

The University’s On-line-materials for returning to campus combination of the guidance and videos have been provided and completed for all staff working in University buildings.

Schedules for essential services and contractor visits revised to reduce interaction and overlap between people e.g., carrying out servicing of infrastructure and equipment out of hours.

Non-essential trips within buildings and sites discouraged and reduced, e.g. access to some areas restricted

<table>
<thead>
<tr>
<th>Environmental</th>
<th>Virus transmission in the workplace due to contact with other people</th>
<th>Staff / Students / Contractors</th>
<th>Exposure to respiratory droplets carrying COVID-19 from an infectious individual transmitted via sneezing, coughing or speaking.</th>
<th>Workplace routines changed to ensure room/building capacity calculated to maintain social distancing is not exceeded including</th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td>• Change to peak staff entry and exit times during out-of-hours.</td>
<td>Work place routines changed to ensure room/building capacity calculated to maintain social distancing is not exceeded.</td>
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<td></td>
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<td></td>
<td>• Our research groups and lab work to minimize contact to other members of staff. Fixed teams or adjusted booking processes in use to reduce the number of people in a lab at the same time to avoid overcrowding.</td>
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<tr>
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<td>• Job and location rotation reduced.</td>
<td>Work place routines changed to ensure room/building capacity calculated to maintain social distancing is not exceeded.</td>
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<td>Procedure in place for dealing with instance of unexpected employee (identified through not being included on the College approved list and not wearing the authorised lanyard) / 3rd party arrival (eg. refused entry recommended).</td>
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<td>Work has been arranged so that staff are able to maintain the government guidelines for social distancing based on our industry which are included in the Social distancing: Netshape Building checklist (The latest Guidance on these measures can be found by clicking the following link Social Distancing Guidelines).</td>
<td></td>
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4 2 8 Yes
Arrival and departure times at work have been staggered (i.e. individuals have been assigned a time to reduce crowding into and out of the workplace, taking account of the impact on those with protected characteristics.

Activities are segregated to ensure social distancing is maintained including:

- Areas of work marked out with floor tape to ensure adequate social distancing is in place. Visual management aids in place to remind people of the need for social distancing.
- Office max occupancy at a given time is ensured through an office work staff rota to ensure 1.5m social distancing between staff in the office.
- Where possible safe outside areas used for break.
- Tables/seating from welfare areas moved to create a reasonable separation and avoid large groups congregating.
- Kitchens use a one out one in policy. All users are encouraged to wash their hands prior to using equipment (kettle) and to wash their hand after use. Additional signage for the correct method for handwashing displayed. All drinking water fountains have been taken out of use.
- Social distancing is marked on the corridor floor prior to entry to the WCs (toilets) with a one out one in policy. Additional signage has been placed on facilities doors to announce people’s presence and to ensure hands are washed via correct method for handwashing prior to and after use. Building users are reminded to leave the facilities in a respectable condition.

Large gatherings including events in public spaces that are organised by the University are only permitted with steps to mitigate the risk of transmission and in line with COVID-19 Secure guidance including the completion of a specific risk assessment.


Managers perform frequent building walkaround to ensure social distances controls are being followed. Staff are reminded by signage of the importance of
social distancing both in the workplace and outside of it.

Near-miss reporting is encouraged to identify where controls cannot be followed or people are not doing what they should.

No working in close proximity to people and in particular a person’s face, mouth and nose, for an extended period of time (the majority of the working day) is permitted unless the work is essential such as in clinical settings, like a hospital, or other close contact roles for example, Occupational Health clinical services where there is an activity specific risk assessment and PPE is provided for individuals undertaking this work.

PPE is provided for individuals working in clinical settings, like a hospital, or other close contact roles for example, Occupational Health clinical services and for first aiders. The taking of PPE home is not permitted.

Adequate training has been provided on what PPE is required i.e. gloves, masks, aprons, Filtering Face Pieces (P3), goggles, the correct donning/doffing of PPE and face fit testing. Government advice is followed:

PHE quick guides for correct donning and doffing of PPE for non-AGPs, as well as for AGPs has been utilised for examples in best practice for putting on and taking off (donning and doffing).

The University strongly recommends individuals (including staff, students, visitors and contractors), unless exempt, wear face coverings inside all University buildings. This includes all corridors, circulation spaces and communal areas, all mixed-use office spaces when moving around, all teaching and learning settings, all study spaces and all libraries. Information provided by the University and local communications and signs displayed informing people of the requirement to wear a face covering within the building.
Spare face coverings are available for individuals who have forgotten to bring a face covering with them.

Individuals have been reminded use of face coverings cannot be mandated safely including the following:

When wearing a face covering you should:
- wash your hands thoroughly with soap and water for 20 seconds or use hand sanitiser before putting a face covering on and before and after removing it
- avoid wearing on your neck or forehead
- avoid touching the face covering or your face, as it could contaminate it with germs from your hands
- change the face covering if it becomes damp or if you’ve touched it
- continue to wash your hands regularly
- change or wash your face coverings daily
- if the material is washable, wash it in line with manufacturer’s instructions. If it’s not washable, dispose of it carefully in their usual waste

Extra non recycling bins to dispose of single use face coverings and PPE are provided, refer to the guidance on how to dispose of personal or business waste, including face coverings and PPE.

<table>
<thead>
<tr>
<th>Biological</th>
<th>Suspected or known case of COVID-19</th>
<th>Staff/Students and contractors</th>
<th>Exposure to respiratory droplets carrying and contact with an object that has been contaminate d with COVID-19.</th>
<th>Response plan in place in the event of a confirmed or suspected case of COVID-19 and communicated and includes:</th>
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<tbody>
<tr>
<td></td>
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<td>▲ If a person becomes unwell in the workplace with suspected COVID-19, they will be sent home in accordance to the University guidance. If any students appear unwell or make comment or complain to staff members that they are feeling unwell they will be asked to leave the building with immediate effect and to follow the University's Test, Trace and Protect Process.</td>
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<td>▲ The area will be cleaned in accordance with the specific Government guidance</td>
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<td>▲ Provision and monitoring of adequate supplies of cleaning materials are in place.</td>
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<td>▲ Team briefed on actions to be taken in the event of someone being suspected of having COVID-19.</td>
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<td>▲ Staff must tell their line manager if they develop symptoms. Absence will be managed in accordance to the University guidance provided.</td>
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Employees to follow the Government advice:
http://www.gov.uk/guidance/nhs-test-and-trace-workplace-guidance

- Line managers will maintain regular contact with staff members during this time, in accordance with the University sickness absence guidance and monitor for signs of symptoms in the remaining workforce and keep Senior Managers informed of the situation.
- If an individual tests positive for COVID-19 this will be managed in accordance with the University's Test, Trace and Protect Process.
- If multiple cases of coronavirus appear in a workplace, an outbreak control team from either the local authority or Public Health England will, if necessary, be assigned to help the University manage the outbreak. The University will seek advice from the local authority in the first instance.
- Individuals will be told to isolate because they:
  - have coronavirus symptoms and are awaiting a test result
  - have tested positive for coronavirus
  - are a member of the same household as someone who has symptoms or has tested positive for coronavirus
  - have been in close recent contact with someone who has tested positive and received a notification to self-isolate from NHS test and trace.


| Biological | Someone entering the workplace with COVID-19 | Staff/Students and contractors | Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19. | Companies who regularly attend or work in the building requested to provide their health and safety policy/arrangements / or RAMS (risk assessment and method statement) regarding COVID-19. Anybody visiting site will be informed that they are not to enter if they’re experiencing COVID-19 symptoms or should be self-isolating under the government Guidelines. If a person becomes unwell in a University workplace with suspected COVID-19, they will be sent home in accordance to their company’s and University’s guidance. University managers will follow the University’s Test, Trace and Protect Process and NHS Test and Trace workplace guidance any University | 4 | 2 | 8 |
| Environmenta | Virus transmission in the workplace | Staff/students and contactors | Contact with an object that has been contaminated with COVID-19 and which subsequently transmits this to another person e.g. surfaces, any inanimate objects & touch points including work surfaces, work equipment, door handles, banisters, chair arms and floors. | Individuals have been instructed in the induction and are regularly reminded in group meetings to clean their hands frequently with soap and water for 20 seconds and the importance of proper drying in accordance with the NHS Guidance: [https://www.nhs.uk/live-well/healthy-body/best-way-to-wash-your-hands/](https://www.nhs.uk/live-well/healthy-body/best-way-to-wash-your-hands/) During the metallurgy and materials building and plasma building inductions and at group meetings.

Posters are displayed in the entrance, around the main laboratory and in welfare facilities.

Soap and water and hand sanitiser are provided at stations in entrance to the building and within the main lab and side labs with adequate supplies are maintained and are placed at the entrance to the building and in other areas in the main and side laboratories where they will be seen.

Awareness posters such as “Catch it, Bin it, Kill it” are displayed around the workplace to remind staff to avoid touching face, eyes, nose or mouth with unclean hands.


A review of the cleaning regime for the building/area to ensure controls are in place to keep surfaces clean and free of contamination, cleaning products and disposable cloths have been made available to all occupants and everyone has been briefed, in building inductions and group meetings on the importance of keeping surfaces and work equipment clean.

Exclusive entry/exits points in place for personnel working in high-risk areas, such as mechanical test sites and wet labs designated. Alternatives to touch-based security devices such as keypads provided. There is limited or restricted use of high-touch items and equipment, for example, printers or whiteboards. | 4 | 2 | 8 |
Sharing of equipment is restricted where possible (additional equipment/hand tools may need to be purchased), and cleaned / disinfected before and after use.

Objects and surfaces that are touched regularly are cleaned frequently, such as door handles and keyboards, and making sure there are adequate disposal arrangements. Cleaning Services are only responsible for circulation areas, laboratory staff and students are responsible within the laboratory. Laboratory users are reminded to clean objects and touched surfaces regularly through signage. Users of machines are encouraged during induction to clean touch surfaces and the beginning and end of the task.

Where possible all goods will be delivered to the School of Metallurgy and Materials, for larger deliveries there are cleaning procedures in place when goods enter the site. Greater handwashing and handwashing facilities have been introduced for workers handling goods and merchandise and hand sanitiser provided where this is not practical. Non-business deliveries stopped, for example, personal deliveries to workers. Contact numbers and names required for deliveries.

Everyone is encouraged (during induction) to keep personal items clean including washing spectacles with soap and water, clean phones, keyboards and shared machinery handles etc before after and during work.

Staff have been encouraged to bring their own food and kitchen utensils including mugs/cups, cutlery etc.

Lab clothing and equipment such as goggles will be washed on-site rather than by individual staff members at home.

COVID-19 cleaning products used have a current valid chemical risk assessment in place and are used in accordance with all prescribed risk controls and monitoring requirements. They are stored so that they are readily available to all users and are labelled according to the Globally Harmonised System of Classification and Labelling (GHS). (See location specific chemical risk assessments for cleaning products used within the area).
<table>
<thead>
<tr>
<th>Organisational Exposure to Existing Hazards</th>
<th>Staff / Students / Contractors</th>
<th>Increased risk of harm due to controls included in existing risk assessments &amp; safety arrangements affected by COVID-19 measures</th>
<th>All relevant pre-existing (non COVID) risk assessments including lone working assessments and procedures have been reviewed to take into account the impacts of social distancing and other COVID counter measures. PPE related risk assessments have been reviewed to ensure that PPE is provided on an individual basis. Usage is monitored to ensure suitable level of stock of certain PPE such as face masks etc during this time due to global shortages. Individuals maintain their own equipment in a sterile condition. Storage has been reviewed to provide individual storage arrangements. The taking of PPE home is not permitted. Undergraduate students performing their final year project in the netshape building will have to be escorted by PhD students or research fellows. No lone working will be permitted for the undergraduate students in any of the netshape zones without supervision.</th>
<th>4</th>
<th>2</th>
<th>8</th>
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</table>

Emergency Procedures reviewed and revised including:
- **Communication**: people have been made aware that in an emergency, for example, an accident or chemical spill or fire, people do not have to stay 2m apart if it would be unsafe.
- **Fire procedures**: number and details of nominated fire warden(s) in place, fire muster point confirmed and PEEP requirements defined including who will assist with their evacuation in an emergency. Required modifications to fire alarm practices and evacuation drills to cater for COVID-19 measures have been addressed; ensuring that the activity is still compliant with relevant building and fire codes.
- **First Aid**: First aid needs assessment reviewed to take into account any new Guidelines issued by the University or HSE, and first aid information including the location of first aid kits and first aider contact information up to date.
| Environmenta l | Inbound & Outbound Goods including Post | Staff/ Students/ Exposure to contact with an object that has been contaminated with COVID-19 | Logistics for the deliveries to the building are the same as those for the Metallurgy and Materials building, to ensure social distancing to be maintained at all times has been considered and include:
- Pick-up and drop-off collection points, procedures, and signage.
- Unnecessary contact at delivery bay has been minimised e.g. non-contact deliveries where the nature of the product allows for use of electronic pre-booking.
- Methods to reduce frequency of deliveries in place - ordering larger quantities less often.
- Where possible and safe, single workers load or unload vehicles or if not possible the same pairs of people are used for loads where more than one is needed.
- Drivers encouraged to stay in their vehicles where this does not compromise their safety and existing safe working practice, such as preventing drive-ways.
- Electronic paperwork is used where possible, and procedures reviewed to enable safe | 4 | 1 | 4 |
| Organisation | Travelling to work | Staff/students | Exposure to respiratory droplets carrying COVID-19. | Individuals travelling to University premises or on behalf of the University are encouraged to follow the Government’s safer travel for passengers to help them stay safe, and protect others by controlling the spread.

Where people are travelling together in any one vehicle, they are encouraged to:
- use fixed travel partners
- not sit face-to-face
- open windows and switch on ventilation systems that draw in fresh air. Open windows only partially if it’s cold.
- frequently clean their vehicle including objects and surfaces that are touched regularly, such as door handles and vehicle keys. | 4 | 1 | 4 |

| Environmental | Ventilation | Staff/students | Exposure to respiratory droplets carrying COVID-19. | Ventilation systems are maintained in line with planned and preventative maintenance schedules, including filter changes.

An assessment of the ventilation in the building, and where necessary individual areas/rooms, has been undertaken which included checks such as:
- Is the space naturally or mechanically ventilated
- All areas within the building which are usually occupied and have poor ventilation have been identified and the use of the area re-assessed (see below).
- An assessment of Fresh air (ventilation) has been undertaken for the workplace and where necessary individual workspaces. This included how fresh air is provided (natural, mechanical or combination of both), how many people occupy/use the area, how much time people spend in the areas, how large the area is, what activities take place in the areas, the equipment |
and machinery in the workspaces, the use of fans and Local Exhaust Ventilation.

Recirculation of unfiltered air within the workplace has been avoided or reduced as far as possible. While this will continue to be minimised some area will need to have some recirculation, to improve thermal comfort.

Natural ventilation can be improved by fully or partially opening windows, air vents and doors, not signed as fire doors. This should be balanced against the need to maintain comfortable temperatures for all users of the space.

The University will be centrally monitoring carbon dioxide (CO2) as a proxy for air quality and ventilation in large teaching spaces. Information can be provided on these spaces. Additional control can be provided via the use of portable CO2 sensors where there are any concerns raised about the adequacy of ventilation in a given space.

Rooms can be purged (aired) when not in use by leaving the windows and doors fully open. However, it is important to plan and close windows to minimise the risk of rodent, and other pest issues.

Mechanical ventilation has typically been set at maximum fresh air settings and operate at extended periods.

Staff have been informed, via this risk assessment of the following steps which they can take to make sure their workplace is adequately ventilated whilst maintaining a comfortable temperature:

- opening windows and doors partially can still provide acceptable ventilation while keeping the workplace comfortable. Opening higher-level windows will probably create fewer draughts.
- if the area is cold relax dress codes so people can wear extra layers and warmer clothing
- use natural ventilation alongside heating systems to maintain a reasonable temperature in the workplace.

Ventilation Instruction signs displayed throughout the building instructing individuals to “Please ensure
you open all windows on arrival and close on departure.”

Most mechanical ventilation systems are monitored by building management systems that will raise a fault alarm; but please ensure that any potential fault with mechanical or natural ventilation is raised with the Building Management and or the Estates Helpdesk.

General considerations reflected on during reopening of the buildings in relation to the ventilation and fresh air to occupied spaces. Core strategy based on CIBSE Covid-19 Ventilation Guidance, HSE guidance, Government and other relevant industry guidance. The guidance is constantly under review by the University’s Estates, as SARS-CoV2 transmission routes become more clearly defined, and any updated recommendations assessed and implemented where relevant to University systems.

Links used above:
HSE - Ventilation and air conditioning during the coronavirus (COVID-19) pandemic 21st July 2021
CIBSE - COVID-19: Ventilation version 5 - Updated 16th July 2021
https://www.cibse.org/coronavirus/covid-19/emerging-from-lockdown
DfE - Higher education COVID-19 operational guidance - Updated 19 July 2021
HSE - Keeping workplaces safe as coronavirus (COVID-19) restrictions are removed - Updated 19 July 2021
https://www.gov.uk/guidance/working-safely-during-covid-19

Mechanical Machinery & Equipment Staff / Students/ Exposure to respiratory droplets Equipment and surfaces that are touched regularly will be frequently cleaned and disinfected. 4 2 8
carrying and contact with an object that has been contaminate with COVID-19.

Suitable cloths and cleaning solutions are provided in the area to clean machines and equipment prior to the commencement of work and upon completion. If machines and equipment are shared, sterilising will be carried out between operations by users.
Risk Assessment Guidance

Risk Scoring System

The scoring system is provided as a tool to help structure thinking about assessments and to provide a framework for identifying which are the most serious risks and why.

| Consequence / Severity score (severity levels) and examples of descriptors |
|---|---|---|---|---|
| **Domains** | 1 | 2 | 3 | 4 |
| Impact on the safety of staff, students or public (physical / psychological harm) | Negligible | Minor | Moderate | Major |
| Minimal injury not requiring first aid or requiring no/minimal intervention or treatment. | Minor injury or illness, first aid or treatment needed or requiring minor intervention. | Moderate injury requiring professional intervention. | Major injury leading to long-term incapacity/disability (loss of limb). |
| No time off work | Requiring time off work for <3 days | Requiring time off work for 4-14 days | Requiring time off work for >14 days |
| | RIDDOR / MHRA / agency reportable incident | |

<table>
<thead>
<tr>
<th>Likelihood score</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td>Rare</td>
<td>Unlikely</td>
<td>Possible</td>
<td>Likely</td>
<td>Almost certain</td>
</tr>
<tr>
<td>Broad descriptor</td>
<td>This will probably never happen/occur</td>
<td>Do not expect it to happen/occur but it is possible it may do so</td>
<td>Might happen or occur occasionally</td>
<td>Will probably happen/occur but it is not a persisting issue</td>
<td>Will undoubtedly happen/occur, possibly frequently</td>
</tr>
<tr>
<td>Time-framed descriptor</td>
<td>Not expected to occur for years</td>
<td>Expected to occur at least annually</td>
<td>Expected to occur at least monthly</td>
<td>Expected to occur at least weekly</td>
<td>Expected to occur at least daily</td>
</tr>
<tr>
<td>Probability</td>
<td>Will it happen or not?</td>
<td>&lt;0.1 per cent</td>
<td>0.1–1 per cent</td>
<td>1.1–10 per cent</td>
<td>11–50 per cent</td>
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The overall level of risk is then calculated by multiplying the two scores together.

\[
\text{Risk Level} = \text{Consequence / Severity} \times \text{Likelihood} \quad (C \times L)
\]

The Initial Risk Rating is the level of risk before control measures have been applied or with current control measures in place.

The Residual Risk is the level of risk after further control measures are put in place.