774

GENERAL HEALTH AND SAFETY RISK ASSESSMENT FORM

| Site | | **Teaching & Learning Building** | | | | **Department** | | | | **TAMU** | | | **Version / Ref No.** | | | **10** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Activity Location** | | **Student Lecture Theatres and Seminar Rooms, Study and Office Space** | | | | **Activity Description** | | | | **Up to 4 staff at any one time during limited opening period. Up to 360 students. Occasional visits by 1-10 contractors resolving snags from building handover.** | | | | | | | | | |
| **Assessor** | | **Steve Hill** | | | | **Assessment Date** | | | | **8th June 2020** | | **Date of Assessment Review** | **21st Sept 2020** | | | | | | |
| **Academic / Manager Name** | | **Gareth Rainford** | | | | **Academic / Manager Signature** | | | |  | | | | | | | | | |
| Hazard Assessment | | | | | Control Assessment | | | | | | | | | | | | Actions | | |
| Hazard Category | Hazards Identified | | Who might be harmed?  Staff  Students  Contractors  Others | How might people be harmed? | Existing Control Measures | | Initial Risk Rating | | | | Are these adequate?  Yes/No | Changes to/ Additional Controls | | Residual Risk Rating | | | Owner | Due  Date | Action Complete |
| S | L | R | | S | L | R |
|  |  | |  |  |  | |  |  |  | |  |  | |  |  |  |  |  |  |
| Organisational | Psychological well being | | Staff / Students | Anxiety and stress caused by concerns around returning to work and studies on Campus | Regular communication is in place (individual and group) via daily team briefings, regular email bulletins and 121 meetings,to ensure staff and students are not ill-informed about returning to work safely.  Advice is shared with staff members and staff have been fully briefed and kept up to date with current advice on staying protected through the University’s lines of communications (i,e line managers, Internal Comms) and shared with staff via daily team briefings, regular email bulletins, 121 meeting*s*  and the University’s Coronavirus FAQs [click here](https://intranet.birmingham.ac.uk/staff/coronavirus/faqs-for-staff.aspx):  Risk assessment shared with staff and stored on the LRAT&TAMU shared network drive and an on theUniversity website.  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 *University Guidance*. 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* (This completed Risk Assessment)**   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. | | 4 | 1 | 4 | | Yes |  | |  |  |  |  |  |  |
| Organisational | Psychological well being | | Staff | Anxiety and stress caused by concerns around returning to work on Campus | Managers hold regular informal discussions with their team and look at ways to reduce causes of stress.  Concerns on workload issues or support needs are escalated to line manager.  Staff who are in vulnerable groups themselves or caring for others are encouraged to contact their line manager to discuss their support needs  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.  Existing Ras re-evaluated  Employees are made aware of supportive mechanisms available to them (e.g. counselling, occupational health, HR, etc) through line managers, internal communications and University webpages:  <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/workhealth/index.aspx> | | 4 | 1 | 4 | | Yes |  | |  |  |  |  |  |  |
| Biological | Virus transmission in the workplace | | Staff / Students | Exposure to respiratory droplets carrying COVID-19 from an infectious individual transmitted via sneezing, coughing or speaking. | ***Specific individual worker risk assessment*** undertaken for those who have a self-declared health condition which could increase their risk profile.  ***Social distancing: Building checklist***has been completed to identify the control measures to consider reducing the risk of workplace infections.  Managers ensure staff with any form of illness do not attend work and actions to be taken if this situation arises.  Staff and students will continue to work remotely where possible and where this is not possible consideration has been given to whether the activity is necessary.  RA’s created for any appropriate staff  Contractors visits controlled  Staff asked to eliminate non-essential journeys  The University’s [***On-line induction materials for returning to campus***](https://intranet.birmingham.ac.uk/staff/coronavirus/essential-resources-and-checklist.aspx) combination of the guidance and videos have been provided and completed for all staff returning to work in University buildings*.*  Posters are displayed that encourage staying home when sick, cough and sneeze etiquette.  Managers keep track of when staff can return to work after the symptom free period.  Posters advising students similarly are being placed in the building  Schedules for essential services and contractor visits revised to reduce interaction and overlap between people e.g., carrying out services out of hours.  To help with consistency and adherence to building specific measures such as access routes, occupancy limits etc. staff from other departments accessing the building (such as cleaning and Estates) have received a building specific induction including information and inductions.  Un-essential trips within buildings and sites discouraged and reduced, e.g. access to some areas restricted, use of radios or telephones encouraged ensuring cleaning them between use. (Essential journeys include frequent patrolling of the building)  Posters advising students to leave the campus after exiting  Where possible staff are encouraged to work in a mixed pattern at home and on campus, though it is recognised that TLB staff can only do their duties on-site | | 4 | 2 | 8 | | Yes |  | |  |  |  |  |  |  |
| Environmental | Virus transmission in the workplace due to lack of social distancing | | Staff / Students | Exposure to respiratory droplets carrying COVID-19 from an infectious individual transmitted via sneezing, coughing or speaking. | Workplace and student space routines changed to ensure new room/building capacity and social distancing are adhered to, including :   * Booking capacities reduced * Monitoring in place to ensure social distancing is followed at all times.   Teaching rooms are set out 1m+ distancing so face coverings are mandatory.  Individuals (including staff, students, visitors and contractors), unless exempt, are required to wear face coverings, inside University buildings where 2m social distancing isn’t possible and can not be maintained. Information provided in the University and local communications and local inductions and signs displayed informing people of the mandatory requirement to wear a face covering within the building.  Individuals (including staff, students, visitors and contractors), unless exempt, are legally required to wear face coverings, in enclosed public spaces where 2m social distancing isn’t possible or where people come into contact with others they would not normally meet. Information provided in the University and local communications and local inductions and signs displayed informing people of the mandatory requirement to wear a face covering in specific areas within the building  All students will be encouraged to social distance properly, head counts of students in the building will be undertaken regularly and at least every 30 minutes and if the capacity limit for the building is being approached no more students will be allowed in.  In the seminar rooms wipes will be provided for academic staff to disinfect the whiteboard, computer and AV equipment before and after use,  One-way flow systems implemented and visual aids, such as floor strips, signage are used for maintaining two metres distance throughout the building/workplace.  To promote 2 metres distance the following has been carried out:   * Work stations/tables moved. Provision of additional screens where needed to segregate people. Desks/tables are arranged so individuals are sitting opposite each other facing in opposite directions. * Areas are 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, * Headcount capacity to ensure social distances standards have been achieved have been set and displayed in shared rooms e.g. open plan areas including lecture theatres * Capacity limits have been set for common facility areas (e.g. toilets, welfare areas etc.). * Where available safe outside areas used for break. * Welfare areas for serving hot food or drinks have been assessed in accordance with government guidance and tables/seating from welfare areas moved to create 2m separation and avoid large groups congregating. All users are encouraged to wash their hands prior to using equipment (microwave) 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 floor prior to entry to the WCs (toilets). Smaller facilities has 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.   These measures are monitored by the local supervising staff member and where necessary concerns fed back to the third party manager e.g. LEV inspections and test – Estates Manager, Cleaner – Campus Services  All circulation spaces:   * Have a one way system around the building. * have additional signage reminding students about social distancing   Information provided and signed displayed informing people to use the stairs rather than lifts unless they difficulty using the stairs. The maximum occupancy of the lifts has been reduced to 1.. Once users have left the lift posters are displayed to encourage them to wash their hands and avoid touching their face.  Lifts are still to be used to move heavier / larger / hazardous goods as a planned operation ensuring the lift cannot be stopped on each floor or staff placed on each floor to prevent access to lift until equipment moved.  There are designated stairs for going up and a designated staircase coming down, this system will be enforced.  Additional signage at staircases reminding students about social distancing.  Wash hand / use hand sanitiser on exit from stairwell.  Managers and team members perform frequent evaluation against social distances controls. Staff and students are reminded on a daily basis of the importance of social distancing both in the workplace and outside of it.  The only places where the social distancing guidelines cannot be followed in full in relation to particular activities and the building are walking routes and the second staircase which have been made one way. If any activities are identified following the opening of the building then, consideration will be given to whether that activity needs to continue, and, if so, all the mitigating actions possible to reduce the risk of transmission between staff & students have been included in a task specific risk assessment and are being taken. Mitigating actions include:   * Further increasing the frequency of hand washing and surface cleaning. * Keeping the activity time involved as short as possible. * Using screens or barriers to separate people from each other. * Using back-to-back or side-to-side working (rather than face-to-face) whenever possible. * Reducing the number of people each person has contact with by using ‘fixed teams or partnering’ (so each person works with only a few others). * Re-engineering the technical activity.   Hygiene guidance given such as avoiding touching eyes, nose, mouth and unwashed hands, cover your cough or sneeze with a tissue, and throw it away in a bin and wash your hands. | | 2 | 2 | 4 | | Yes |  | |  |  |  |  |  |  |
| Biological  Biological | Suspected case of COVID-19  Suspected case of COVID-19 | | Staff / Students | Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19.  Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19. | Response plan in place in the event a confirmed or suspected case of COVID-19 and communicated and includes:   * 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 and Government advice. Managers will follow the NHS Test and Trace workplace guidance: <https://www.gov.uk/guidance/nhs-test-and-trace-workplace-guidance> * The area will be cleaned in accordance with the specific Government [guidance](https://www.gov.uk/government/publications/covid-19-decontamination-in-non-healthcare-settings/covid-19-decontamination-in-non-healthcare-settings) . * Provision and monitoring of adequate supplies of cleaning materials are in place. * Staff have been briefed in 121 sessions * Team briefed on actions to be taken in the event of someone being suspected of having COVID-19. * Staff must tell their line manager if they develop symptoms. Absence will be managed in accordance to the University guidance provided.   Lost property cannot be assumed to be harmless. This procedure is in place:  The building should have 1 designated staff only point/box/bag to collect lost property  Staff should sanitise hands immediately after touching lost property.  Items should be left in the container during the week. The container should be sealed on a Friday at the end of the shift and taken to Security first thing on a Monday. This creates a period of over the weekend of at least 64 hours isolation for the items  Reporting procedures have been described to staff   * Employees to follow the Government advice: <https://www.gov.uk/coronavirus> * Line managers will maintain regular contact with staff members during this time and monitor for signs of symptoms in the remaining workforce and keep Senior Managers informed of the situation whilst following the Government’s guidance for contact tracing: contact with co-workers: <https://www.gov.uk/guidance/nhs-test-and-trace-workplace-guidance> * 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. * Staff 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. * Line managers hold discussions with their staff to identify those considered in ‘at risk’ groups - which include those who are 70 or over, have a long-term condition, are pregnant or have a weakened immune system, or are living/caring for someone in these groups and will ensure additional measures are put in place to protect them including working from home. * Staff have been encouraged to download the government COVID-19 contract tracing app when available. | | 3 | 3 | 9 | | No | NHS Test & Trace or other tracking mechanism to be adopted | | 3 | 2 | 6 | SH/MC | 1 Oct |  |
| Biological | Someone entering the workplace with COVID-19 | | 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.  Services are working with the University’s supply chain to ensure that they’re adopting good practices to prevent the spread of COVID-19 to discuss arrangements and control measures.  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.  Posters all over the building remind building users  If a person becomes unwell in a University workplace with suspected COVID-19, they will be sent home in accordance to their company’s guidance. University managers will follow the NHS Test and Trace workplace guidance for any University staff that may have come into contact with them: <https://www.gov.uk/guidance/nhs-test-and-trace-workplace-guidance> | | 3 | 3 | 6 | | Yes | Details of Test & Trace system to be documented | | 3 | 1 | 3 | MC | 1 Oct |  |
| Environmental  Environmental  Environmental | Virus transmission in the workplace  Virus transmission in the workplace  Virus transmission in the workplace | | Staff/ Students | 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.  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 and are regularly reminded 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/>  Posters are displayed around the workplace . Gidance given in tesm briefings and 121s  Soap and water and hand sanitiser are provided in the workplace and adequate supplies are maintained and are placed at the entrance to the building and in other areas where they will be seen.  Individuals are reminded to catch coughs and sneezes in tissues – Follow: “Catch it, Bin it, Kill it” and to avoid touching face, eyes, nose or mouth with unclean hands. Posters are displayed around the workplace.  To help reduce the spread of coronavirus (COVID-19) individuals are reminded of the public health advice:  <https://www.gov.uk/government/publications/coronavirus-outbreak-faqs-what-you-can-and-cant-do/coronavirus-outbreak-faqs-what-you-can-and-cant-do>  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 on the importance of keeping surfaces and work equipment clean. Cleaning is the responsibility of Cleaning Services though staff working in the staff office will be expected to clean their workstation at the beginning and of every shift.  Plentiful supplies of cleaning wipes are available.  The printer has been moved to avoid congestion.  Whiteboard and AV equipment use is covered by the generic RA for teaching rooms.  Staff have been issued with own tools an stationery.  A clean desk policy is in place  Staff bring their own utensils  A COSHH register is in place  Objects and surfaces that are touched regularly are cleaned frequently, such as door handles and keyboards, and making sure there are adequate disposal arrangements.  Internal doors that **are not** signed as fire doors (unless held open with a mechanical device) kept open whilst working (last person out shuts the doors) to prevent multiple people using door handles.  Workstations are cleaned between different occupants including shared equipment. Shift patterns mean that each workstation will have two users per day.  There is clear desk policy in place to reduce the amount of personal items on desks and work benches to be practiced when the space is in use or not in use.  There are cleaning procedures for goods and merchandise entering 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.  Everyone is encouraged 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.  More storage for workers provided for clothes and bags e.g. lockers and staff encouraged to use them.  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).  All university staff are encouraged to avoid direct personal contact with others i.e. shaking hands etc. | | 4 | 1 | 4 | | Yes |  | |  |  |  | SH |  |  |
| Organisational  Organisational | Exposure to Existing Hazards  Exposure to Existing Hazards | | Staff / Students | Increased risk of harm due to controls included in existing risk assessments & safety arrangements affected by COVID-19 measures  Increased risk of harm due to controls included in existing risk assessments & safety arrangements affected by COVID-19 measures | 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 items such as face masks etc.  The University has issued all staff and students with a washable facemask.  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. * Staff to be reminded to wash hands immediately after assisting others * **Fire procedures:** number and details of nominated fire warden(s) in place, fire muster point confirmed and ~~PEEP~~ GEEP 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.   There are few designated fire wardens in the team so all staff will be expected to act as fire ushers Ushers direct users to the nearest fire exit. The manger on duty will check evacuation from the top floor down, and communicate with safe refuges. Process to be reviewed and cascaded to fire wardens   * **First Aid:** First aid needs assessment reviewed to take into account any new Guidelines issued by the [University](https://intranet.birmingham.ac.uk/staff/coronavirus/faqs-for-staff.aspx) or [HSE](https://www.hse.gov.uk/), and first aid information including the location of first aid kits and first aider contact information up to date. * **Hygiene:** Washing facilities with soap/gel available (see Cleaning below). People involved in the provision of assistance to others have been informed to pay particular attention to sanitation measures immediately afterwards including washing hands.   Safety critical roles will remain in place to aid safe operation. In the event of safety critical roles not being available then a dynamic risk assessment shall be performed to ensure measures are introduced to mitigate risk (for example, another area within the building or campus could have a critical role such as first aider that could cover as a temporary solution).  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.  Business continuity and disaster recovery plans updated based on COVID-19 implications including Contingency plan in place for possible switch back to lockdown.  Life-saving rules, will continue to be governed, enforced and communicated during COVID-19 in particular “speaking up” if they witness any unsafe behaviours, conditions or symptoms related to COVID-19. | | 3 | 2 | 6 | | Yes |  | |  |  |  |  |  |  |
| Environmental | Virus transmission outside of the workplace | | Staff / Students / Others | Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19. | On the outside / approach to the building there is signage to warn all prior to entering this building social distancing is in place (keep 2m apart).  There is signage advising staff to wash their hands regularly and not to touch their face.  Students are advised with large banners re distancing, hand washing etc  There is one door for access and one door for egress and one way systems are in force in the building.  Building access control is used during busy spells in the building i.e. one out one in.  Controlled access and egress is monitored to ensure it is followed. | | 4 | 1 | 4 | | Yes |  | |  |  |  |  |  |  |
| Organisational | Travelling to work | | Staff / Students | Exposure to respiratory droplets carrying COVID-19. | Sufficient parking restrictions to maintain social distancing measures in place and additional parking is provided. Students are not allowed to park  Additional facilities such as bike-racks are provided to help people walk, run or cycle to work where possible.  Where staff have not able to avoid public transport they do so in accordance with Government and University Guidance:  <https://www.gov.uk/coronavirus>  <https://intranet.birmingham.ac.uk/staff/coronavirus/faqs-for-staff>.  Staff have been reminded that face covering is mandatory on public transport.  Discussions have been held with staff as to whether their travel arrangements have changed and whether this will have an impact on their working arrangements. | | 4 | 1 | 4 | | Yes |  | |  |  |  |  |  |  |
| Organisational | Driving at work | | Staff | Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19. | Non-essential travel is minimised – remote options considered first.   * Only one person per van is permitted. * Job and location rotation has been reduced. * Journeys have been scheduled and delivery/collection times to reduce contact with others. * Shared vehicles are frequently cleaned including between shifts or on handover. This includes cleaning of objects and surfaces that are touched regularly, such as door handles and vehicle keys, and adequate disposal arrangements are in place. * Sufficient quantities of hand sanitiser /wipes are retained within vehicles to enable workers to clean hands after each delivery / drop-off. | | 4 | 1 | 4 | | Yes |  | |  |  |  |  |  |  |
| Mechanical | Machinery & Equipment | | Staff | Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19. | Equipment and surfaces that are touched regularly will be frequently cleaned and disinfected.  Sterilising chemicals and cloths 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. | | 4 | 1 | 4 | | Yes |  | |  |  |  |  |  |  |
| Environmental | Ventilation | | Staff / Students / Others | Exposure to respiratory droplets carrying COVID-19. | Recirculation of unfiltered air within the workplace has been avoided or reduced as far as possible.  All ventilation has been serviced as required. All filters have been changed as required.  All staff trained in operation of automatic window closing override  Building users are encouraged where possible to ensure windows are open. | | 4 | 1 | 4 | | Yes |  | |  |  |  |  |  |  |

**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** | | | | |
| --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** |
| **Domains** | **Negligible** | **Minor** | **Moderate** | **Major** | **Catastrophic** |
| **Impact on the safety of staff, students or public (physical / psychological harm)** | Minimal injury not requiring first aid or requiring no/minimal intervention or treatment.  No time off work | Minor injury or illness, first aid treatment needed or requiring minor intervention.  Requiring time off work for <3 days | Moderate injury requiring professional intervention  Requiring time off work for 4-14 days  RIDDOR / MHRA / agency reportable incident | Major injury leading to long-term incapacity/ disability (loss of limb)  Requiring time off work for >14 days | Incident leading to death  Multiple permanent injuries or irreversible health effects |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Likelihood score** | **1** | **2** | **3** | **4** | **5** |
| **Frequency** | **Rare** | **Unlikely** | **Possible** | **Likely** | **Almost certain** |
| **Broad descriptor** | This will probably never happen/occur | Do not expect it to happen/occur but it is possible it may do so | Might happen or occur occasionally | Will probably happen/occur but it is not a persisting issue | Will undoubtedly happen/occur, possibly frequently |
| **Time-framed descriptor** | Not expected to occur  for years | Expected to occur  at least annually | Expected to occur at  least monthly | Expected to occur at least weekly | Expected to occur at least daily |
| **Probability**  Will it happen or not? | <0.1 per cent | 0.1–1 per cent | 1.1–10 per cent | 11–50 per cent | >50 per cent |

The overall ***level of risk*** is then calculated by multiplying the two scores together.

**Risk Level = Consequence / Severity x Likelihood (C x L)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Likelihood** | | | | |
| **Likelihood score** | **1** | **2** | **3** | **4** | **5** |
|  | **Rare** | **Unlikely** | **Possible** | **Likely** | **Almost certain** |
| **5 Catastrophic** | 5 | 10 | 15 | 20 | 25 |
| **4 Major** | 4 | 8 | 12 | 16 | 20 |
| **3 Moderate** | 3 | 6 | 9 | 12 | 15 |
| **2 Minor** | 2 | 4 | 6 | 8 | 10 |
| **1 Negligible** | 1 | 2 | 3 | 4 | 5 |

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.