GENERAL HEALTH AND SAFETY RISK ASSESSMENT FORM

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| Site | **Selly Oak** | **Department** | **CAL - EDACs** | | **Version / Ref No.** | **10** |
| **Activity Location** | **SOVAC** | **Activity Description** | **Return to Campus COVID-19: Building Risk Assessment**  **The building is a mix of offices, teaching spaces and workshops.**  **Approx number of staff: 16**  **Approx number of students: 20** | | | |
| **Assessor** | **Simon Baldwin** | **Assessment Date** | **11/01/2021** | **Date of Assessment Review** | **26/02/2021** | |
| **Academic / Manager Name** | **Rachel Allmark / Andrzej Gasiorek** | **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 and students | Anxiety and stress caused by concerns around returning to work and studies on Campus | Regular communication is in place (individual and group) to ensure staff and students are not ill-informed about returning to work/study safely. For Professional Services Team leaders will hold regular team meetings and continue to host 1-2-1 meetings with staff. For Academic staff, HoS/Department leads will hold meetings or provide staff briefings. Safety committees will also provide updates.  Inductions have been sent out to all teams.  Students will be directed to the Main UoB intranet page via their departments student handbooks where risk assessments and building inductions are uploaded for all buildings and where possible schools with departmental pages will post the risk assessments and inductions there as well.  Risk assessments and Inductions have been posted to the CAL Intranet Pages.  Advice is shared with staff/students and they 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, safety committees) and shared with staff via a local induction and the University’s Coronavirus FAQs [click here](https://intranet.birmingham.ac.uk/staff/coronavirus/faqs-for-staff.aspx).  Risk assessment shared and an electronic copy is available on the CAL V Drive V:\Facilities\Health & Safety\Risk Assessments\Academic Year 20-21\Return to Campus\SOVAC  Staff who are joining the UoB are provided with access to their schools Covid-19 Intranet pages so that they can read the CAL building inductions, risk assessments and Go-Cat information before joining.  New workplace/controls put in place to reduce risk of exposure to COVID 19 are documented in procedures and policies and induction and disseminated to employees through Line Managers and CAL Facilities 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)** which can be found here: V:\Facilities\Health & Safety\Risk Assessments\Academic Year 20-21\Return to Campus\SOVAC   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 and individuals have been made aware via induction, team meetings, one to one meetings, online communications of guidance available in relation to this:  <https://www.hse.gov.uk/stress/>  <https://intranet.birmingham.ac.uk/staff/coronavirus/Coronavirus-wellbeing-support.aspx>  <http://www.selfhelpguides.ntw.nhs.uk/birmingham/leaflets/selfhelp/Stress.pdf> | 3 | 2 | 6 | Yes |  |  |  |  |  |  |  |
| Organisational | Psychological well being | Staff, students | Anxiety and stress caused by concerns around returning to work on Campus | Managers hold regular informal discussions in various ways e.g. 1-2-1’s and/or departmental meetings with their staff and look at ways to reduce causes of stress. Where necessary, managers will offer particular support to individual staff and discuss ways of reducing stress.  Concerns on workload issues or support needs are escalated to line manager by individual staff at 1-2-1 meetings or at the request of the member of staff.  Staff/students who *should not* under any circumstance work on campus have been identified and managers/supervisors have discussed alternative arrangements with them to ensure that they do not return to work on campus. Staff who *should not* under any circumstance work on campus include:   * Any member of staff who has been through a return to work on campus assessment and has been advised by Occupational Health or a medical professional (including a midwife in respect of pregnancy) not to travel to work on campus. * Staff in the clinically extremely vulnerable category (those shielding) for whom current guidance is that they should not to travel to work, even where their work cannot be undertaken remotely.   <https://www.gov.uk/government/publications/guidance-on-shielding-and-protecting-extremely-vulnerable-persons-from-covid-19/guidance-on-shielding-and-protecting-extremely-vulnerable-persons-from-covid-19#who-is-clinically-extremely-vulnerable>  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 continuing to work on Campus or working from home/remotely have discussed these with their line manager or supervisor and where necessary an occupational health referral has been made using the Occupational Health Referral for Covid-19 Assessment Form.  <https://intranet.birmingham.ac.uk/hr/wellbeing/index.aspx>  <https://intranet.birmingham.ac.uk/hr/documents/public/Wellbeing/Covid-19-Return-to-Campus-Discussion-Form.docx>  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:  <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>  This link is for students:  <https://intranet.birmingham.ac.uk/student/coronavirus/Wellbeing.aspx> | 2 | 3 | 6 | Yes |  |  |  |  |  |  |  |
| Biological | Virus transmission in the workplace | Staff, Students, Visitors | Exposure to respiratory droplets carrying COVID-19 from an infectious individual transmitted via sneezing, coughing or speaking. | ***Social distancing: SOVAC Building checklist***has been completed to identify the control measures to consider reducing the risk of workplace infections.  Staff to work using the mixed model of site and home based as agreed with line manager, in line with Government and University guidance.  Managers/supervisors ensure staff/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/students can return to work/campus after the symptom free period.  Regular access to the Lateral Flow Device screening tests provided to staff and students who are coming onto campus.  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 working in University buildings*.*  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 on site induction. These teams have also received the re-opening the building risk assessment.  Schedules for essential services and contractor visits revised to reduce interaction and overlap between people and building managers and occupants informed of when the visits will take place and which services are being maintained. Estates have confirmed that staff will be informed of any planned visits in advance. Contractors will also sign in when on site.  Un-essential trips within buildings and sites have been prevented and discouraged, and staff are informed of this within the building induction e.g. meetings are to be held virtually. Moving for teaching purposes for academic staff is permitted however local Covid guidelines must be followed. | 3 | 3 | 9 | Yes |  |  |  |  |  |  |  |
| Environmental | Virus transmission in the workplace due to lack of social distancing | Staff, Students, Visitors | Exposure to respiratory droplets carrying COVID-19 from an infectious individual transmitted via sneezing, coughing or speaking. | Only essential work authorised and approved by the Government and University is permitted in University buildings.  Workplace routines changed to ensure room/building capacity calculated to maintain at least 2m social distancing is not exceeded including:   * Change to peak staff entry and exit times for Professional Services staff e.g. people starting later or finishing earlier to avoid large groups leaving at once. * Arrival and departure times at work have been staggered to reduce crowding into and out of the workplace, taking account of the impact on those with protected characteristics.   To help contain clusters and outbreaks and assist the University with any requests for data by the NHS Test and Trace service a temporary record of shift patterns and teams and attendance in the building is kept for 21 days. Professional Services staff can provide a rota of when staff are going to be in the building. Academics can be tracked via access control system. NHS Test and Trace QR code is displayed in the building for visitors and staff to scan using the NHS Covid-19 app.  Procedure in place for dealing with instance of unexpected employee or 3rd party arrival. Contractor arrivals are informed in advance to the CAL Facilities teams who will let teams know to ensure it is OK.  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: SOVAC Building checklist***  (The latest Guidance on these measures can be found by clicking the following link [Social Distancing Guidelines](https://www.gov.uk/guidance/social-distancing-in-the-workplace-during-coronavirus-covid-19-sector-guidance#shops-running-a-pick-up-or-delivery-service)).  Due to the potential increased risk of transmission from aerosol transmission steps have been taken to avoid people needing to unduly raise their voices to each other e.g. not playing music or broadcasts at a volume that makes normal conversation difficult, using microphones during training sessions. For some practical activity, there is the requirement for voice projection. This has been accounted for in the agreed occupancy for these sessions. Practical teaching sessions in these rooms have been scheduled with a 1 hour gap between them. Each practical activity will have access to 2 teaching spaces and each group will be limited capacity. This will be controlled by the lecturer and sign posted by capacity signs on the doors.  Only one practical session will take place in the building at any one time to reduce footfall.  A one-way system has been implemented in the building. Once individuals have entered through the main doors and if working in G10 they must follow the one way system around this room that is in place. The narrow corridors that exist on the first floor, (F09) have a one way system in place also. G21 will also have a one way system in place indicated by signage in the room and via induction.  G21 will also have space provided for students to leave their belongings during a practical teaching session.  All staircases are one way only and are clearly signposted to confirm the direction of travel. All procedures and travel flows will be included in the building induction.  Staff activities are segregated to promote the 2m social distancing rules including:   * Display Screen Equipment (DSE) assessments reviewed and revised. * 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. * Headcount capacity to ensure social distances standards have been achieved have been set and displayed in shared rooms e.g. open plan offices, meeting rooms, seminar rooms * Capacity limits have been set for common facility areas (e.g. toilets, welfare areas etc). Which employ a 1 in 1 out policy, with knocking before entering. * Staff encouraged to remain on-site including bringing their own lunch and, when not possible, maintaining social distancing while off-site. * Welfare areas for preparing hot food or drinks have been assessed in accordance with government guidance and tables/seating from welfare areas moved to create 2m social distancing separation and avoid large groups congregating. Vending machines have been put out of use. Smaller 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 hands after use. Additional signage for the correct method for handwashing displayed. All bottle fed drinking water dispensers have been serviced and treated by the contractor and will remain in use with strict guidelines in place about their use i.e. individuals must wipe them down before and after use with the antibacterial wipes provided. This will be communicated via induction and signs displayed at the cooler. If a case of a suspected Covid-19 occurs within the building the dispensers will undergo deep cleaning~~.~~ * Social distancing is marked on the corridor floor prior to entry to the WCs (toilets). All toilets have a one out one in policy. Additional signage has been placed 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.   Clear method of socially distancing of staff and visitors in reception areas defined and implemented including:   * Queuing systems or processes * 2m Social distancing in waiting and reception areas * Reception has a Perspex screen in place to protect staff. * The removal of excess furniture to prevent excess people gathering. * G05 (reception office) has been given a capacity of 2 and staff will be in on a rota basis so it will only be 1 at a time.   Visits from people outside of the building are managed via remote connection/working where this is an option. Where this is not an option, and only if the visit is essential visitor arrangements have been revised to ensure social distancing and hygiene at all times. These measures are monitored by the local manager of the equipment and where necessary concerns fed back to the third party manager e.g. Maintenance inspections and test – Estates Manager, Cleaner – Campus Services Domestic Manager.  All corridors are either:   * Marked in areas to ensure social distancing is adhered to (lines on floor). * Have a one way system around the building. * Some have a 2 way system in place with guidance and directional signage clearly sign posted and covered in the building induction.   Additional signage in corridors reminding staff about social distancing.  There are designated stairwells for going up and for coming down, this system will be enforced. Around the building signage is displayed clearly to confirm the direction of travel. This will also be covered in the building induction.  Additional signage in stairwells reminding staff about social distancing has been displayed at each stairwell.  Social gatherings amongst employees are not permitted whilst at work including meetings where alternative arrangements have been provided e.g. virtual meetings.  Large gatherings including University events organised in public outdoor spaces have been cancelled or postponed or alternative IT solutions provided for example Open Days have moved to online (Critical Training courses may still be performed but only following the Covid-19 guidance.)  Managers perform frequent evaluation against social distances controls for their teams and report problems via the near miss reporting procedure. Detailed in the induction.  Staff are reminded via posters displayed in the buildingon a daily basis 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. The process to do this is included in the building induction.  Only essential work authorised and approved by the Government and University is permitted in University buildings.  Where the 2m social distancing guidelines cannot be followed in full in relation to a particular activity, for example use of the studios consideration has been given to whether that activity needs to continue, and, if so, all the mitigating actions possible to reduce the risk of transmission between staff have been included in a task specific risk assessment and are being taken. Mitigating actions include:   * All shared mats and furniture in the studios have been removed. * Further increasing the frequency of hand washing and provision of hand sanitiser and surface cleaning. * The cleaning of studio floors (SS1, 2 and 3) will be increased to after each time the studio is used. * G16 (a computer cluster) has been re-purposed to as a possible DTA staff office with a capacity of 2. * Keeping the activity time involved as short as 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. * Improving ventilation by re-organising the indoor space to optimise the ventilation available. * Re-organising pedestrian flows * If 2m SD cannot be maintained within an indoor practical activity for any activity face masks should be worn, this is communicated via induction. * During vocal projection training/work, the student performer should use extended social distancing of at least 3m. The student ‘audience’ should wear masks during this kind of activity. * Staff to adapt work to reduce physical contact and practise social distancing using back-to-back or side-to-side positioning (rather than face-to-face) whenever possible etc. All CAL teaching staff are issued with a protected face visor. * Students will change into a pair of indoor shoes before entering a studio. No outdoor shoes or bare feet will be allowed within DTA studios. * 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.   Individuals (including staff, students, visitors and contractors), unless exempt, are required to wear face coverings, inside all University buildings at all times except for in single occupancy rooms. 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, unless exempt, are required to wear face coverings, in all University learning environments, where the use of the face covering does not impact teaching and learning. Information provided in the University and local communications and signs displayed informing people of the mandatory requirement to wear a face covering within the building.  Individuals have been reminded via induction of how to use face coverings 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 * avoid wearing on your neck or forehead * avoid touching the part of the face covering in contact with your mouth and nose, as it could be contaminated with the virus * change the face covering if it becomes damp or if you’ve touched it * avoid taking it off and putting it back on a lot in quick succession (for example, when leaving and entering buildings)   When removing a face covering:   * wash your hands thoroughly with soap and water for 20 seconds or use hand sanitiser before removing * only handle the straps, ties or clips * do not give it to someone else to use * if single-use, dispose of it carefully in a residual waste bin and do not recycle * if reusable, wash it in line with manufacturer’s instructions at the highest temperature appropriate for the fabric   wash your hands thoroughly with soap and water for 20 seconds or use hand sanitiser once removed. | 3 | 2 | 6 | Yes |  |  |  |  |  |  |  |
| Biological | Suspected case of COVID-19 | Staff, Students, Visitors | Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19. | Response plan in place in the event of a confirmed or suspected case of COVID-19 and communicated via induction 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 will contact [Artsreception@contacts.bham.ac.uk](mailto:Artsreception@contacts.bham.ac.uk) to request additional supplies as they are running out. * Team briefed in local induction pack and via managers briefing 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. * Employees to follow the Government advice: <https://www.gov.uk/coronavirus> * 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 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 an individual tests positive for COVID-19 this will be managed in accordance with the University’s [Test, Trace and Protect Process](https://intranet.birmingham.ac.uk/staff/coronavirus/test-and-trace.aspx). * 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.   <https://www.gov.uk/government/publications/covid-19-stay-at-home-guidance/stay-at-home-guidance-for-households-with-possible-coronavirus-covid-19-infection> | 3 | 3 | 9 | Yes |  |  |  |  |  |  |  |
| Biological | Someone entering the workplace with COVID-19 | Students, Staff, Visitors | 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 the University’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 | 9 | Yes |  |  |  |  |  |  |  |
| Environmental | Virus transmission in the workplace | Staff, Students and Visitors | 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 via the induction and via posters in the buildingto 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/>  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 i.e. Sanitation Stations have been installed in all practical studios, and excess moveable furniture (chairs/tables/props/mats etc) have been removed.  Individuals have been informed to check their skin for dryness and cracking and to inform their line manager or supervisor if there is a problem.  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 e.g. at welfare areas, toilets and kitchens.  To help reduce the spread of coronavirus (COVID-19) individuals are reminded via inductionof 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 has been undertaken 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. The cleaning SLA that is received is sent to all team leads and displayed at the main entrance of the building.  SS1, 2, and 3 will have their floors cleaned after each time that the studios are used.  There is limited or restricted use of high-touch items and equipment, for example, printers or whiteboards. To control possible spread of Covid-19 hygiene wipes have been placed at each MFD to allow it to be wiped down before and after use by the user.  Sharing of equipment is restricted where possible and cleaned / disinfected before and after use. This is carried out for shared equipment such as work tools.  Objects and surfaces that are touched regularly are cleaned frequently by users before and after using the equipment using wipes e.g. MFDs and keyboards in offices. Touch points e.g. door handles are cleaned regularly by cleaning services and their products.  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.  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.  Areas where people directly pass things to each other, for example office supplies or prop stores, have been identified and ways to remove direct contact, such as using drop-off points or transfer zones have been introduced. There will also be a 72 hours quarantine between use. If items cannot be wiped down they will be labelled and stored separately for 72 hours.  Everyone is encouraged via 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.  More storage for workers provided for clothes and bags e.g. Student personal possessions (coats/bags etc) will not be stored in practical studios on the dance floors. A separate space will be provided, with spaces for each individual student.  Monitoring and supervision arrangements such as team meetings or briefings and a near miss reporting procedure has been circulated via the building induction to ensure that staff can report any near misses or processes that do not work appropriately, have been put in place to ensure people are following controls e.g. implementing the new cleaning regime, following hygiene procedures etc.  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. | 3 | 3 | 9 | Yes |  |  |  |  |  |  |  |
| Organisational | Exposure to Existing Hazards | Staff, students and visitors | 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 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.  Emergency Procedures reviewed and revised including:   * **Communication**: people have been made aware via inductionthat 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. * **First Aid:** First aid needs assessment reviewed to take into account the impact of any Local or National Government requirements and 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. 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 by CAL Facilities 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).  Security implications of changes made to operations and practices in response to COVID-19 Local or National Government requirements, have been considered.  Business continuity and disaster recovery plans updated based on COVID-19 implications including Contingency plan in place for possible switch back to national or local lockdown.  Life-saving rules, will continue to be governed, enforced and communicated during COVID-19 especially during any Local or National Government lockdowns in particular “speaking up” if they witness any unsafe behaviours, conditions or symptoms related to COVID-19. | 2 | 2 | 4 | Yes |  |  |  |  |  |  |  |
| Environmental | Inbound & Outbound Goods including Post | Staff | Exposure to contact with an object that has been contaminated with COVID-19. | Logistics for the deliveries to SOVAC have been considered so that social distancing can be maintained at all times has been considered and include:   * Pick-up and drop-off collection points, procedures, signage and markings revised. * Deliveries will be made to foyer or to the post-box. Transferred to the staff pigeonholes, which have been relocated to the photocopying room (G25) so staff do not enter the DTA office. A cleaning station (wipes and sanitiser) has been set up in this room so staff can use before and after collecting their items. * Unnecessary contact at delivery point has been minimised e.g. delivery drivers will not enter the building past the foyer. * Methods to reduce frequency of deliveries in place - ordering larger quantities less often * Staff informed that personal items are not to be delivered to the UoB via induction.   Strict hand washing procedure in place after handling all deliveries. This is covered in the Induction. | 3 | 2 | 6 | Yes |  |  |  |  |  |  |  |
| Environmental | Virus transmission outside of the workplace | Staff and Students | 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.  There is signage advising individuals to wash their hands regularly and not to touch their face.  Building access control is used during busy spells and for any Local or National Lockdown periods in the building i.e. one out one in Controlled access and egress to ensure it is followed. Access control system used to prevent un-necessary visitors accessing parts of the building they do not need to. | 3 | 3 | 9 | Yes |  |  |  |  |  |  |  |
| Organisational | Travelling to work | Staff and Students | Exposure to respiratory droplets carrying COVID-19. | Workers encouraged to avoid public transport where possible and use alternatives e.g. cycling, walking to work etc. Where staff are unable to avoid public transport, they do so in accordance with Government and University Guidance:  <https://www.gov.uk/guidance/coronavirus-covid-19-safer-travel-guidance-for-passengers>  <https://intranet.birmingham.ac.uk/staff/coronavirus/faqs-for-staff.aspx>  Where staff previously shared a car to work this has been discouraged via the staff induction. | 3 | 3 | 9 | Yes |  |  |  |  |  |  |  |
| Mechanical | Machinery & Equipment | Staff and Students | Exposure to respiratory droplets carrying and contact with an object that has been contaminated with COVID-19. | Equipment and surfaces that are touched regularly e.g. photocopiers, or painting tools will be cleaned and disinfected by the staff using them before and after use, i.e. they will be wiped down with an antibacterial cleaning wipe before and after use. This will be communicated in the building induction.  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 by the staff using them, this has been communicated via the building induction. | 3 | 2 | 6 | Yes |  |  |  |  |  |  |  |
| Environmental | Ventilation | Staff Students and Visitors | 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. Ventilation systems will be maintained in line with planned and preventative maintenance schedules.  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’, REHVA guidance, other industry and HSE guidance. <https://www.hse.gov.uk/coronavirus/equipment-and-machinery/air-conditioning-and-ventilation.htm>  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. CIBSE Covid-19 Ventilation Guidance  <https://www.cibse.org/knowledge/knowledge-items/detail?id=a0q3Y00000HsaFtQAJ>  Ventilation systems are monitored in most cases by building management systems that will raise a fault alarm to Estates automatically.  Building users are encouraged where possible to ensure windows are open.  SS1 has no mechanical ventilation, as activities that may require the projection of an individuals voice may take place in this room all windows will be open during the activity.  SS2 has a full mechanical ventilation system which has been checked as part of the building checklist before the room is used. | 3 | 3 | 9 | 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.