

**SARS-CoV-2 – Continuation of TU Dresden's concept of measures regarding the complementation of the operational risk assessments**

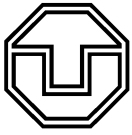
**As of: January 15, 2021**

**Objective:**

In order to complement TU Dresden's general hygiene concept, it is necessary to define and document additional measures, e.g. as part of the risk assessment for research and teaching. To assist you, the following information is intended to complement the general hygiene concept.


<b>Structural unit:</b>	
<b>Building:</b>	
<b>Confirmation by the responsible body</b>	

4. Events					
4.1	Is preference given to online events?				– See ZIH tools ( <a href="#">video conference</a> )
4.2	Are the regulations of the Free State of Saxony being observed?				– <a href="#">Official Announcements</a>
4.3	Are safety and hygiene concepts in place for events? Are the contact persons who provide support known?				– E.g. observance of distance rules, hygiene measures, necessity of wearing masks, path concepts – Booking of sufficiently large rooms – Regular ventilation of rooms – Contact persons, e.g. Directorate 8 (✉), Unit 4.4 Infrastructural Facility Management (✉), Unit 4.5 – Safety at Work (✉)
Additional protective measures (please add)					
5. Teaching					
5.1	Is preference given to online courses?				– See ZIH tools ( <a href="#">video conference</a> )



5.2	Are safety and hygiene concepts in place for on-site events (e.g. internships, examinations)? Are the contact persons who provide support known?			<ul style="list-style-type: none"> <li>- E.g. adherence to distance rules, hygiene measures, necessity of wearing masks, path concepts</li> <li>- Booking of sufficiently large rooms</li> <li>- Regular ventilation of rooms</li> <li>- Contact persons, e.g. Directorate 8 (✉), Unit 4.4 Infrastructural Facility Management (✉), Unit 4.5 - Safety at Work (✉)</li> </ul>
5.3	Has it been checked whether field trips are absolutely necessary or whether there are alternatives?			<ul style="list-style-type: none"> <li>- Adhere to the regulations of the Free State of Saxony</li> <li>- Aim for individual use of official cars</li> <li>- Observe distance rules when using minibuses</li> </ul>
Additional protective measures (please add)				
<b>6. Activities in laboratories and other experimental areas</b>				
6.1	If laboratories, research areas, technical facilities are temporarily not used or only used to a limited extent: Have additional protective measures been taken to safeguard the laboratories and facilities?			<ul style="list-style-type: none"> <li>- Define special protective measures for reduced operation</li> <li>- Shut down apparatus/experiments/technical facilities and secure them in a way that no hazards can arise from them (especially apparatus with hazardous substances, fire hazard, hazard due to pressure, ...)</li> <li>- Storage of chemicals in safety cabinets / hazardous materials storages</li> <li>- Dispose of chemical waste as far as possible or label and store it properly</li> <li>- In the case of hazardous activities, avoid working alone Provision of equipment with operating materials (e.g. liquid nitrogen) is guaranteed</li> </ul>



6.2	If laboratories specialized in genetic engineering are temporarily not used or only used to a limited extent: Have additional protective measures been taken if necessary?				<ul style="list-style-type: none"><li>– Keep biological working materials (genetically modified organisms, pathogenic microorganisms) safe, autoclave and dispose of waste or correctly label and store it properly</li><li>– The number of cultures which must be attended to on a regular basis must be limited to the minimum</li><li>– Work is only permitted in the presence/availability of the project manager</li><li>– If necessary, report the genetic engineering facility as inactive</li><li>– In the case of hazardous activities, avoid working alone</li><li>– Provision of equipment with operating materials (e.g. liquid nitrogen) is guaranteed</li></ul>
6.3	If laboratories that are subject to the Radiation Protection Regulation are not used or only used to a limited extent: Have additional protective measures been taken if necessary?				<ul style="list-style-type: none"><li>– Shut down equipment / experiments and ensure that no hazards can arise from them (especially equipment with radioactive materials)</li><li>– Store radioactive materials and substances in appropriate cabinets and installations</li><li>– Check work surfaces to ensure they are free of contamination and document the process</li><li>– Work in the radionuclide laboratory only if the radiation protection commissioner is present / available</li><li>– Contact: Unit 4.6 Radiation Protection Office </li></ul>
Student practical training and research					
6.4	Are the protective measures against the spread of coronavirus SARS-CoV-2 (minimum standards) also observed when conducting practical training?				General protective measures against the spread of coronavirus SARS-CoV-2 are to be implemented in the laboratory.
6.5	Will special protective measures be taken for the use of work equipment?				<ul style="list-style-type: none"><li>– If possible, assign to a particular person, otherwise ensure regular cleaning, compulsory before passing on to other persons (disinfection not necessary)</li><li>– Regular hand washing in case of shared use (e.g. of laboratory equipment in research and practical training)</li><li>– Daily cleaning of the surfaces with cleaning agents; disinfection is not necessary</li></ul>



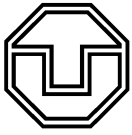
Activities <b>without</b> hazardous substances, bio substances, genetic engineering, radioactivity				
6.6	Are the protective measures defined in such a way that no additional hazards arise from the special protective measures against coronavirus SARS-CoV-2?			<p>Eliminate hazards due to the modified route guidance in laboratories, workshops, technical schools, studios, etc. or due to organizational regulations (e.g. in the case of jointly used equipment such as machines, analysis devices, disposal stations, washbasins, etc.)</p> <p>Keep to the correct operating instructions:</p> <ol style="list-style-type: none"><li>1. A distance of 1.5 m between individuals must be maintained (possibly reducing the number of persons present in the room at the same time), except for very brief periods when the air exchange rate is very low, e.g. in the case of interpersonal contact within laboratories with 8-fold air exchange</li><li>2. If this is not possible, determine technical measures such as partition walls, provided that these do not cause other hazards, such as accidents resulting from accidental impact with inappropriately placed partition walls.</li><li>3. Wearing filtering face piece (FFP) or other masks (FFP2 - FFP3, community masks) if technical and/or organizational measures to maintain the minimum distance are not possible or cannot be safely observed, e.g. when explaining something to students about a device or equipment</li></ol>
Activities <b>involving</b> hazardous substances, bio substances, genetic engineering, radioactivity				
6.7	Are the protective measures defined in such a way that no additional hazards arise from the special protective measures against coronavirus SARS-CoV-2?			<p>Eliminate hazards due to the modified route guidance in laboratories, workshops, technical schools, studios, etc. or due to organizational regulations (e.g. in the case of jointly used equipment such as machines, analysis devices, disposal stations, washbasins, etc.)</p> <p>Keep to the correct operating instructions:</p> <p>Steps 1 and 2: see section 6.6</p> <ol style="list-style-type: none"><li>3. Masks for protection against SARS-CoV-2 must <b>not be worn</b> when working with chemicals, bio substances/genetically modified organisms and in radiation protection areas</li><li>4. If, in exceptional cases (e.g. when explaining something to students using a device or equipment), the minimum distance may not be maintained, disposable masks must be worn (put them on, then remove and dispose of them after use)</li></ol>



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6.8	Are additional regulations for work clothing and PPE being observed?				<ul style="list-style-type: none"><li>- Separate storage for street and work clothes</li><li>- Personal storage</li><li>- Regular cleaning of work clothing and PPE</li><li>- If necessary, put on and take off work clothing at home if this does not result in an increased risk of infection and/or hygiene deficiencies</li></ul> <p>Important: always consult the specialists for occupational safety</p>




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6.9	Further measures are required:				
Additional protective measures (please add)					
<b>7. Work involving animal keeping and plant cultivation</b>					
7.1	Are animals and plants being tended to in such a way that there is no danger to members of staff?				<ul style="list-style-type: none"> <li>- Define special protective measures for reduced operation</li> <li>- Avoidance of animal-human transmission</li> <li>- Consider avoiding working alone when carrying out dangerous work</li> </ul>
7.2	Have special measures been taken for tools and work equipment?				<ul style="list-style-type: none"> <li>- If possible, assign persons to do so, otherwise clean equipment regularly, especially before passing it on to others</li> <li>- If necessary (NOT to protect against SARS-CoV-2 infection) and permitted, protective gloves must be worn; consult specialists for occupational safety</li> </ul>
7.3	Are additional regulations for work clothing and PPE being observed?				<ul style="list-style-type: none"> <li>- Separate storage for street and work clothes</li> <li>- Personal storage</li> <li>- Regular cleaning of work clothing and PPE</li> <li>- If necessary, put on and take off work clothing at home if this does not result in an increased risk of infection and/or hygiene deficiencies.</li> <li>- Important: Always consult the specialists for occupational safety</li> </ul>
7.4	Further measures are required:				
Additional protective measures (please add)					