



Critical H&S Risk Groups and Sub Risks

Risk Family	Sub-Risks
1. Construction & Maintenance	<ul style="list-style-type: none"> Asbestos Building Confined space Contractor management Electrical/high voltage power Hazardous substances Height work Hot work Isolation of services Lone worker Plant and equipment Pressure/steam Sharps Stored energy Traffic management
2. Emergencies & Natural Disasters	<ul style="list-style-type: none"> Active shooter Aggressive person/assault Bomb threat Chemical substance spill Suspicious mail/item Fire/alarm activation Robbery Earthquake Flooding, power outage, loss of critical services Medical emergency Severe weather events Tsunami
3. Fieldwork and Off Campus Activities	<ul style="list-style-type: none"> Boating Diving Driving including towing Drones Fieldwork locations/activities Hazardous Substances International travel Lone worker/remote worker Placements Plant and equipment



Risk Family	Sub-Risks
4. Laboratory and Clinical Hazards	Animal handling Biological pathogens/blood and body fluids Compressed gases Fire Hazardous substances - laboratory Lasers Lone or remote worker Needlestick Plant and equipment Radiation Sharps – laboratory and clinical
5. Moving/movement around Campus/Events on Campus	Ice and weather conditions Organised events on campus Skateboards, scooters and vehicles on campus Slips, trips and falls Stairs/walkways
6. Office and lecturing	Workstation set up and related ergonomics Fatigue and shift work/hours of work Emergency response Manual handling Plant and equipment
7. Occupational Health	Animal bite/sting non-laboratory Ergonomics Fatigue and shift work Manual handling Non-ionising radiation Occupational exposures: dust, noise, chemical Pathogens and infectious substances Thermal issues Zoonosis
8. Plant and Equipment	Building Compressed gas Electrical and high voltage power Fire Guarding and maintenance Hazardous substances – laboratory Hazardous substances – plant and equipment Hot work Lone or remote worker Plant and equipment Pressure/stored energy Sharps

**University of Otago****ISO45001 Occupational Health and Safety Management System****TITLE:** Critical H&S Risk Identification**OHSMS REF:** Critical Risk

Risk Family	Sub-Risks
9. Psychosocial Hazards (ISO 45003:2021)	Career development, support and supervision Interpersonal relationships, bullying, victimisation, discrimination and harassment Job (demands, expectations, workload, pace and hours) Job control or autonomy Job security and precarious work Leadership Organisational change management Organisational/workgroup culture (civility and respect) Recognition and reward Work environment (equipment and hazardous tasks, remote and isolated work)

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Amendment	Change	Date	Who	Version	Approval
1	New Document	1 Aug 2022	Director, H&S	V1	Director, H&S
2	Update critical risks	28 Nov 2022	Director, H&S	V2	Director, H&S