

Hazards associated with TUNNEL MAINTENANCE FACILITY



Hazards	Barriers	Hazardous events	Controls
Boats being moved within, into and out of the building	<ul style="list-style-type: none"> Persons are supervised and briefed on the correct manual handling technique. 	<p>Crews injured when lifting gigs or when moving on/off trailer.</p> <p>Damage to equipment.</p>	<ul style="list-style-type: none"> Treat with first aid, rest and physiotherapy, or evacuate to hospital (call ambulance). Inspect boats, and, if damaged, quarantine until repaired. Report incidents.
Incorrectly supported boat (trestles/cradles)	<ul style="list-style-type: none"> Persons warned of the danger of boats toppling over if incorrectly supported. Persons are supervised to ensure during correct boat handling/lifting and use of support equipment. 	<p>Crews may receive crushing injuries if boat topples over.</p> <p>Boats may also be damaged.</p>	<ul style="list-style-type: none"> Treat with first aid or evacuate to hospital. Inspect boats and, if damaged, quarantine until repaired. Report incidents.
Incorrectly stored equipment	<ul style="list-style-type: none"> Equipment is kept to the minimum and securely stored. Persons should ensure all equipment is stored securely; excess equipment should be relocated where possible. 	<p>Crews/members may be injured by falling equipment stored in roof.</p>	<ul style="list-style-type: none"> Treat with first aid or evacuate to hospital. Report incidents.
Poor housekeeping	<ul style="list-style-type: none"> Minimise equipment storage within limited workspace space. Persons should exercise good housekeeping to reduce injury 	<p>Possible trip and slippage injury to club members.</p>	<ul style="list-style-type: none"> Treat with first aid or evacuate to hospital. Tidy working area. Report incidents.

Reference : LRGC safety document – Hazards associated with TUNNEL MAINTENANCE FACILITY - issue 1 (September 2018)

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	and risk of fire.		
Noise	<ul style="list-style-type: none"> • Persons should concentrate and listen to instructions when manoeuvring the boat in/out of the gig shed. • Supervisors should give clear instructions to the crew when manoeuvring the boat in/out of the shed. • Supervisor in command. 	<p>Potential risk of serious injury to crews by crushing when manoeuvring the boat in/out of the shed.</p> <p>Possible damage to equipment.</p>	<ul style="list-style-type: none"> • Treat with first aid or evacuate to hospital. • Inspect boat/equipment, and, if damaged, quarantine until repaired. • Report incidents.
Possibility of fire	<ul style="list-style-type: none"> • No smoking or naked flame allowed within the building. • Flammable liquids should be kept to the minimum stored securely within the building. 	<p>Potential risk of serious or fatal injury to members being trapped in the shed.</p> <p>Extensive equipment damage.</p>	<ul style="list-style-type: none"> • Evacuate the building to control point. • Treat with first aid or evacuate to hospital. • Call emergency services. • Inform emergency services of hazardous materials (paints, oils etc.). • Use fire extinguishers if safe to do so. • Muster persons. • Inspect boats and, if damaged, quarantine until repaired. • Raise incident report.
Fire extinguishers fail to operate or Fire extinguishers not maintained	<ul style="list-style-type: none"> • Provision of adequate type and number of correctly maintained and inspected fire extinguishers. 	<p>Potential injury to club members.</p> <p>Failure to implement first aid and put out/contain shed</p>	<ul style="list-style-type: none"> • Treat with first aid or evacuate to hospital. • Evacuate the building. • Call emergency services. • Inform emergency services of flammable

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	<ul style="list-style-type: none"> • A clearly identifiable fire point fitted with appropriate appliances installed in the shed. • Nominated person to conduct monthly appliance checks. • Club members briefed on fire action plan. 	<p>fire. Extensive equipment damage.</p>	<p>materials stored.</p> <ul style="list-style-type: none"> • Muster persons. • Inspect boats and, if damaged, quarantine until repaired. • Raise incident report.
<p>Possibility of solvent spillage/COSHH and fire</p>	<ul style="list-style-type: none"> • Limited quantity of solvents may be stored within the gig shed. • Data sheets available for substances hazardous to health. • Store in appropriate containers etc. • Ensure that containers are correctly labelled and well-sealed. • Keep incompatible materials apart. 	<p>Increased fire loading. Potential for hazardous materials to harm members (probably by skin contact or inhalation). Potential for environmental damage.</p>	<ul style="list-style-type: none"> • Evacuate the building. • Call the Fire Brigade. • Inform the firefighters about the materials that are stored. • Treat with first aid and seek medical attention. • Use absorbent materials to soak up spills (if safe to do so), dispose of contaminated absorbents appropriately. • Muster persons. • Raise incident report.
<p>Flammable substances</p>	<ul style="list-style-type: none"> • Limited flammable substances may be stored within the building. • Sources of ignition shall be kept under control. 	<p>Fire. Injury to persons. Equipment damage.</p>	<ul style="list-style-type: none"> • Call emergency services. • Use fire extinguishers. • Ensure that members know how to use fire extinguishers and that they are of a type appropriate to the materials that are likely

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			<p>to catch fire.</p> <ul style="list-style-type: none"> • Evacuate the building. • Inform the firefighters about the flammable materials that are stored. • Muster persons. • Raise incident report.
<p>Incorrectly installed or defective electrical equipment</p>	<ul style="list-style-type: none"> • Implement electrical safety checks to infrastructure and all electrically operated hand tools. 	<p>Electric shock and/or fire due to incorrect installation, use or poor maintenance</p>	<ul style="list-style-type: none"> • Treat with first aid or evacuate to hospital. • Evacuate the building. • Call the Fire Brigade. • Tell firefighters about the materials that are stored (signalling flares and smoke). • Muster crews. • Raise incident report.