

**SKILLS FRAMEWORK FOR PUBLIC TRANSPORT  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

<b>TSC Category</b>	Workplace Safety and Health					
<b>TSC</b>	Workplace Safety and Health for Fire Prevention and Fire Fighting					
<b>TSC Description</b>	Formulate and execute fire safety protocols and processes to minimise risk posed to customers during emergency situations involving fire					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
	<b>PTP-ICM-1018-1.1</b>	<b>PTP-ICM-2018-1.1</b>	<b>PTP-ICM-3018-1.1</b>	<b>PTP-ICM-4018-1.1</b>		
	Recognise fire signals and take appropriate emergency actions	Control fire-fighting operations using advanced training techniques in fighting fires, with particular emphasis on organisation, tactics and command	Prevent, control and fight fires on premises	Maintain safety and security of crew and passengers and the operational condition of life-saving, fire-fighting and other safety systems		
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>• Fire-fighting organisation</li> <li>• Fire-fighting equipment and their locations</li> <li>• Emergency escape routes</li> <li>• Elements of fire and explosion</li> <li>• Types and sources of ignition</li> <li>• Flammable materials, fire hazards and spread of fire</li> <li>• Actions to be taken on the premises</li> <li>• Fire and smoke detection and automatic alarm systems</li> <li>• Classification of fire and appropriate extinguishing agents</li> <li>• Breathing apparatus for fighting fires and effecting rescues</li> </ul>	<ul style="list-style-type: none"> <li>• Fire-fighting procedures</li> <li>• Use of water for fire-extinguishing, precautions and corrective procedures</li> <li>• Communication and coordination during fire-fighting operations</li> <li>• Ventilation control including smoke extraction</li> <li>• Control of electrical systems</li> <li>• Fire-fighting process hazards</li> <li>• Fire-fighting involving dangerous goods</li> <li>• Fire precautions and hazards associated with the storage and handling of materials</li> <li>• Management and control of injured persons</li> <li>• Preparation of contingency plans</li> <li>• Composition and allocation of personnel to fire parties</li> <li>• Strategies and tactics for control of fires</li> </ul>	<ul style="list-style-type: none"> <li>• Fire prevention and fire-fighting appliances</li> <li>• Classes and chemistry of fire</li> <li>• Action to be taken in the event of fire, including fires involving oil systems</li> <li>• Fire drills</li> </ul>	<ul style="list-style-type: none"> <li>• Life-saving appliance regulations</li> <li>• Fire drills</li> <li>• Maintenance of life-saving, fire-fighting and other safety systems</li> <li>• Methods and aids for fire prevention, detection and extinction</li> <li>• Functions and use of life-saving appliances</li> </ul>		

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		<ul style="list-style-type: none"> <li>Requirements for statutory and classification surveys</li> </ul>				
<b>Abilities</b>	<ul style="list-style-type: none"> <li>Identify fire signals</li> <li>Take appropriate actions in accordance with indicated emergency and established procedures</li> <li>Extinguish fires using appropriate procedures, techniques and fire-fighting agents</li> <li>Ensure breathing apparatus procedures and techniques comply with accepted practices and procedures</li> <li>Ensure timing and sequence of individual actions are appropriate to the prevailing circumstances and conditions</li> </ul>	<ul style="list-style-type: none"> <li>Conduct full and accurate assessments of incidents using all available sources of information</li> <li>Minimise damage and potential damage, injuries to personnel and impairment of the operational effectiveness</li> <li>Transmit prompt, accurate, complete and clear information</li> <li>Ensure the prompt and effective implementation of emergency plans and procedures</li> <li>Inspect and service fire-detection and fire-extinguishing equipment</li> <li>Investigate and compile reports on fire incidents</li> </ul>	<ul style="list-style-type: none"> <li>Identify type and scale of problems</li> <li>Take actions in accordance with emergency procedures and contingency plans</li> <li>Implement evacuation, emergency shutdown and isolation procedures</li> <li>Ensure the order of priority, and levels and time-scales of making reports and informing personnel are relevant to the nature of emergencies</li> <li>Organise fire drills</li> </ul>	<ul style="list-style-type: none"> <li>Act upon all alarms in accordance with established emergency procedures</li> <li>Take actions to protect and safeguard all persons in emergencies</li> <li>Develop emergency and damage control plans and handle emergency situations</li> </ul>		