

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

TSC Category	Workplace Safety and Health					
TSC	Confined Space Work					
TSC Description	Perform the duties of an entrant and attendant, with proper supervision and safety precautions, when working in confined spaces					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	STP-WSH-1001-1.1		STP-WSH-3001-1.1			
	Perform work in confined spaces		Supervise work in confined space operations			
Knowledge	<ul style="list-style-type: none"> Legal requirements relating to confined space work Duties and responsibilities of personnel in confined space work, supervisors, confined space safety assessors, rescue personnel and authorised managers Types of personal protective equipment (PPE) and respiratory protection equipment for confined spaces Types of safety and warning signs related to confined space work Types of hazards and risks related to confined space work Types of common gas detection instruments, their uses and limitations Permit-to-Work (PTW) systems and safe work procedures for working in confined space Emergency responses and rescue operation plans 		<ul style="list-style-type: none"> Legal requirements relating to confined space work Duties and responsibilities of personnel in confined space work, supervisors, confined space safety assessors, rescue personnel and authorised managers Optimum and acceptable atmospheric conditions for safe entry and continual work in confined spaces Risks when working in confined spaces, likelihood and severity of consequences Symptoms of persons exposed to typical atmospheric hazards Control measures to eliminate atmospheric, physical and biological hazards in confined spaces Permit-to-Work (PTW) systems and safe work procedures for working in confined space 			

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	<ul style="list-style-type: none"> • Self-rescue procedures • Rescue and retrieval techniques for injured personnel 		<ul style="list-style-type: none"> • Elements of confined space entry programmes • Types of common gas meter detectors, their uses and limitations • Methods to inspect and maintain PPE and respiratory protective equipment 			
<p>Abilities</p>	<ul style="list-style-type: none"> • Store, prepare and maintain PPE and respiratory protection equipment • Perform atmospheric monitoring using gas detection instruments • Comply with methods to prevent and control hazards in confined spaces • Comply with PTW systems and safe work procedures when working in confined spaces • Participate in confined space emergency simulations 		<ul style="list-style-type: none"> • Communicate legal requirements for working in confined spaces to workers • Propose optimum and acceptable atmospheric conditions for safe entry and continual work in confined spaces • Identify, prevent and control hazards in confined spaces • Use systematic approaches to apply Confined Space Entry Permit systems • Apply gas detection instruments and other control measures when working in confined spaces • Implement the safe use of PPE and respiratory protective equipment when working in confined spaces 			