

**SKILLS FRAMEWORK FOR PRECISION ENGINEERING
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Workplace Safety and Health Management					
TSC	Emergency Response Management					
TSC Description	Manage emergency response plans for the range of contingencies affecting work operations such as fire, explosion, power failure, chemical spillage, leakages, collapses, flooding, falling from height and other types of emergencies					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		PRE-WSH-2022-1.1-1	PRE-WSH-3022-1.1-1	PRE-WSH-4022-1.1-1	PRE-WSH-5022-1.1-1	
		Participate in emergency response situations and suggest improvements to emergency response plans	Deploy emergency preparedness and response plans (EPRP) and collaborate with stakeholders to conduct periodic reviews and ensure emergency preparedness	Develop emergency preparedness and response plans (EPRP) and collaborate with external entities	Devise emergency preparedness and response plans (EPRP) in alignment with organisational and legislative requirements and evaluate effectiveness to suggest improvements	
Knowledge		<ul style="list-style-type: none"> Types of emergency preparedness and response plans (EPRP) relevant to the waste management industry and/or building evacuation Types of emergency scenarios relevant to the waste management industry and/or building evacuation Types of resources required for responding to emergency scenarios Interpretation of emergency response plans 	<ul style="list-style-type: none"> Roles and responsibilities of the emergency response team Legislative requirements related to emergency preparedness Types of emergency preparedness and response training Types of data sources to evaluate improvements for EPRP 	<ul style="list-style-type: none"> Roles and responsibilities of the stakeholders and other external agencies Types of emergencies in waste management facilities or buildings which require notification to receive support from external agencies Internal protocols for notifying and engaging external agencies Types of resources required in the event of emergency 	<ul style="list-style-type: none"> Implications of effective emergency response at workplace Methods for training stakeholders on emergency preparedness and response Methods to evaluate existing information and identify improvement opportunities Methods of hazard and vulnerability assessment Industry best practices 	
Abilities		<ul style="list-style-type: none"> Respond to emergency situations in accordance with the EPRP Alert supervisors of potential escalation of emergency situations Communicate risks relating to emergency response plans and suggest areas for improvements 	<ul style="list-style-type: none"> Coordinate the implementation of emergency response plans relevant to the identified emergency scenarios Communicate EPRP to stakeholders Identify risks of EPRP and implement improvements as needed 	<ul style="list-style-type: none"> Establish internal procedures for notifying and escalating relevant emergency scenarios to relevant external agencies Establish points of contacts with relevant external agencies for emergency handling 	<ul style="list-style-type: none"> Conduct hazard and vulnerability assessments Identify the types of emergency scenarios for preparedness and response planning relevant to the organisation Research and evaluate existing information to review and evaluate 	

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		<ul style="list-style-type: none"> Participate in the conduct of emergency response drills in accordance with the EPRP 	<ul style="list-style-type: none"> Coordinate the conduct of emergency response drills in accordance with the EPRP Coordinate the maintenance of emergency response equipment 	<ul style="list-style-type: none"> Determine and deploy resources as required Conduct in pilot testing to determine effectiveness of the plan Recommend improvements to EPRP in alignment with organisational and legislative requirements 	<p>needs and opportunities for improvement within organisation.</p> <ul style="list-style-type: none"> Evaluate the effectiveness of the organisational EPRP in accordance with organisational and legal requirements Engage management in driving emergency preparedness for the organisation Endorse recommendations for EPRP improvements 	
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