

**SKILLS FRAMEWORK FOR ENVIRONMENTAL SERVICES
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT**

TSC Category	Waste Management Operations					
TSC	Hazardous Material Management					
TSC Description	Manage the handling of hazardous materials during collection, transportation, storage and disposal processes including spillage incidents					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		EVS-WMO-2001-1.1	EVS-WMO-3001-1.1	EVS-WMO-4001-1.1		
		Collect and transport the different types of hazardous waste and their associated risks involved	Clearance of spillage of hazardous waste during waste collection, transportation, storage and disposal process and report to appropriate person in organisation	Manage and review the process of handling collection and/or spillage of hazardous waste		
Knowledge		<ul style="list-style-type: none"> Different types of hazardous waste and their potential risks Workplace Safety and Health (WSH) guidelines Appropriate Personal Protective Equipment (PPE) for management of different types of hazardous waste Environmental Public Health Act Environment Protection and Management Act Hazardous Waste Act Organisational reporting procedures 	<ul style="list-style-type: none"> Different types of hazardous waste and their potential risks Workplace Safety and Health (WSH) guidelines Appropriate Personal Protective Equipment (PPE) for management of different types of hazardous waste Environmental Public Health Act Environment Protection and Management Act Hazardous Waste Act Environmental Public Health (Toxic Industrial Waste) Regulations Spillage kits for different hazardous materials Control strategies of handling hazardous materials Organisational reporting procedures 	<ul style="list-style-type: none"> Workplace Safety and Health (WSH) guidelines Environmental Public Health Act Environment Protection and Management Act Hazardous Waste Act Environmental Public Health (Toxic Industrial Waste) Regulations Treatment methods for hazardous wastes Leaching test Transport approval application for hazardous materials Hazardous waste management system Techniques in reviewing processes and plans 		
Abilities		<ul style="list-style-type: none"> Apply appropriate PPE to handle different types of hazardous waste Perform hazardous waste management in accordance to WSH guidelines and organisational procedures 	<ul style="list-style-type: none"> Apply appropriate PPE to handle different types of hazardous waste Apply the appropriate spillage kit to handle the different types of hazardous waste spilled Ensure the affected area is barricaded 	<ul style="list-style-type: none"> Ensure appropriate allocation of PPE to handle different types of hazardous waste Allocate appropriate spillage kit to manage the different types of hazardous wastes 		

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		<ul style="list-style-type: none"> • Ensure the waste containers used for the different types of hazardous waste are secured and no leakage during transportation and storage • Operate the mechanical devices to ensure safe transportation of hazardous wastes • Replenish consumable supplies used in management of hazardous wastes • Inform appropriate person or supervisor if work activities cannot be carried out 	<ul style="list-style-type: none"> • Inform the appropriate person to seek assistance and professional help to manage the spillage • Replenish the appropriate spillage kits • Inform appropriate person or supervisor if waste collection cannot be carried out 	<ul style="list-style-type: none"> • Replenish the appropriate spillage kit at appropriate site • Ensure the affected area is barricaded • Ensure spillage is removed in accordance with regulatory requirements and organisational procedures safely for different types of hazardous wastes • Report to authorities on the type and quantity of hazardous waste collected and disposed • Develop and review the process of managing hazardous wastes 		
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