

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

TSC Category	Waste Management Operations					
TSC	Waste Disposal Management					
TSC Description	Manage the waste disposal process including the transportation process to landfill or incineration plant and operation of the heavy machinery to manage the transportation of the waste					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	EVS-WMO-1003-1.1	EVS-WMO-2003-1.1	EVS-WMO-3003-1.1			
	Dispose collected or segregated waste	Operate mechanical devices to compress or segregate waste at landfill site or incineration plant	Manage the waste disposal process at landfill site or incineration plant			
Knowledge	<ul style="list-style-type: none"> Types of waste for landfill and incineration Types of waste collection vehicle Appropriate Personal Protective Equipment (PPE) for management of different types of waste Organisational procedures for disposal of waste collected Environmental Public Health Act Workplace Safety and Health (WSH) guidelines 	<ul style="list-style-type: none"> Types of heavy machinery use to compress or transport waste at landfill site or incineration plant Types of waste at landfill site or incineration Appropriate Personal Protective Equipment (PPE) for operating different machinery or mechanical devices Organisational procedures for disposal of waste Environmental Public Health Act Workplace Safety and Health (WSH) guidelines Environment Protection and Management Act 	<ul style="list-style-type: none"> Types of waste for landfill and incineration Appropriate Personal Protective Equipment (PPE) for management of different types of waste Organisational procedures for disposal of waste collected Methods of leaching test procedure Leaching test analysis Environmental Public Health Act Workplace Safety and Health (WSH) guidelines Environment Protection and Management Act Hazardous Waste Act Guidelines for disposal of asbestos wastes 			
Abilities	<ul style="list-style-type: none"> Use appropriate PPE to perform waste disposal operations Perform waste disposal in accordance with organisational procedures and guidelines Ensure disposed waste is secured in its containment containers 	<ul style="list-style-type: none"> Use appropriate PPE to operate the different machinery Operate appropriate machinery to spread the refuse in the barge or compress the refuse in container Operate machinery to load and unload the waste container to the 	<ul style="list-style-type: none"> Analyse the findings from the leaching test for all waste to be disposed Determine the disposal process of collected waste for disposal according to the findings from the leaching test Ensure waste disposed are in compliance to regulatory and 			

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	<ul style="list-style-type: none"> • Replenish equipment used to prepare for waste disposal • Report to appropriate person if work cannot be carried out 	<p>transportation vehicle at landfill site</p> <ul style="list-style-type: none"> • Cover the fully loaded barges or container to shield from water and wind during transportation of waste at landfill site • Operate appropriate machinery to unload waste from the barge in accordance with regulatory and organisational requirements • Dispose waste for incineration in accordance with regulatory and organisational requirements • Report to appropriate person if work cannot be carried out 	<p>organisation requirements</p> <ul style="list-style-type: none"> • Report incidents to management in accordance with organisational procedures • Propose recommendation to improve the waste disposal processes • Allocate resources to ensure smooth operation of waste disposal process 			
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