

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

TSC Category	Waste Management Operations					
TSC	Waste Sorting Management					
TSC Description	Manage the waste sorting process including the operation of the heavy machinery to assist in sorting the bulky waste					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	EVS-WMO-1005-1.1	EVS-WMO-2005-1.1	EVS-WMO-3005-1.1			
	Segregate different types of waste at waste deposition site or treatment plant	Operate mechanical devices or heavy machinery to perform waste sorting	Manage waste sorting process			
Knowledge	<ul style="list-style-type: none"> Types of waste for recycling and disposal Types of waste collection vehicle Appropriate Personal Protective Equipment (PPE) for management of different types of waste Organisational procedures for sorting of waste collected Types of abnormalities encountered during waste sorting Environmental Public Health Act Environment Protection and Management Act Hazardous Waste Act Workplace Safety and Health (WSH) Act 	<ul style="list-style-type: none"> Types of heavy machinery use to sort waste Types of waste for recycling and disposal Types of automated systems to perform waste sorting Organisational procedures for operating heavy machinery to sort waste Appropriate Personal Protective Equipment (PPE) for operating different machinery Environmental Public Health Act Workplace Safety and Health (WSH) Act Environment Protection and Management Act 	<ul style="list-style-type: none"> Types of waste for recycling and disposal Types of automated sorting systems Appropriate Personal Protective Equipment (PPE) for management of different types of waste Organisational procedures for sorting of waste collected Environmental Public Health Act Workplace Safety and Health (WSH) guidelines Environment Protection and Management Act Hazardous Waste Act Storage conditions for different types of waste 			
Abilities	<ul style="list-style-type: none"> Use assigned PPE to perform waste sorting Inspect collected waste to identify and handle bulky waste according to organisation procedures Handle co-mingled waste to feed to the sorting line Perform waste sorting in accordance with organisational 	<ul style="list-style-type: none"> Use appropriate PPE when operating the machinery Operate the appropriate machinery to sort waste at waste deposition site or waste treatment plant Operate machinery to compact waste in accordance to organisation procedure 	<ul style="list-style-type: none"> Communicate work assignment to workers to ensure the smooth operation Allocate space to perform waste sorting and storage of sorted waste before waste disposal or treatment Monitor waste sorting operations, especially during the operation of heavy machinery according to regulatory 			

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	<p>procedures and guidelines</p> <ul style="list-style-type: none"> • Transfer the sorted waste to storage area or for compaction • Maintain tools, equipment and PPEs in accordance to organisation guidelines • Replenish consumables used to prepare for the next waste sorting process • Report to appropriate person if work cannot be carried out 	<ul style="list-style-type: none"> • Operate machinery to load waste into assigned area • Operate appropriate machinery to load waste from the transportation vehicle • Maintain machinery in accordance to organisation guidelines • Report to appropriate person if work cannot be carried out 	<p>and organisation requirements</p> <ul style="list-style-type: none"> • Determine periodic maintenance of the waste sorting machinery • Report incidents to higher management in accordance with organisational procedures • Recommend solutions to improve the waste sorting processes • Replenish resources to ensure smooth operation of the waste sorting process 			
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