

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

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| TSC Category | Waste Management Operations | | | | | |
| TSC | Waste Material Loading and Unloading Administration | | | | | |
| TSC Description | Manage the weighbridge system to record and report the net weight of the waste received at sites and direct traffic in and out of deposition site safely | | | | | |
| TSC Proficiency Description | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
| | | EVS-WMO-2004-1.1 | EVS-WMO-3004-1.1 | EVS-WMO-4004-1.1 | | |
| | | Direct traffic in and out of the weighbridge safely and operate the weighbridge system | Supervise weighbridge operations and perform data analysis of the weighbridge management system | Manage the weighbridge operations and evaluate the data consolidated to ensure compliance to standards and operational processes | | |
| Knowledge | | <ul style="list-style-type: none"> Types of waste collection vehicles Components of a weighbridge Types of weighbridge management software Types of hand signals to direct traffic Types of solid and recyclable waste Organisational protocols and procedures for managing weighbridge operations Different weight units and conversion Data summary techniques Types of recyclable waste and their potential value Appropriate Personal Protective Equipment (PPE) | <ul style="list-style-type: none"> Components of a weighbridge Types of waste collection vehicles Types of weighbridge management software Types of solid and recyclable waste Different weight units Weight units conversion Data summary techniques Data analysis techniques Types of reporting techniques Appropriate Personal Protective Equipment (PPE) | <ul style="list-style-type: none"> Types of weighbridge management software Types of recyclable waste and their potential value Techniques in handling queries Storage requirements for different types of waste Limitations of different types of data Types of data infographics for presentation Types of reporting process to relevant authorities | | |
| Abilities | | <ul style="list-style-type: none"> Use appropriate PPE to handle different types of recyclable waste Determine if the waste collected in the vehicle is in accordance with organisational requirements Operate the weighbridge | <ul style="list-style-type: none"> Perform data analysis using the weighbridge management system Report the data in graphical form to higher management Plan maintenance schedule for the weighbridge and the | <ul style="list-style-type: none"> Consolidate the quantity of the recyclable waste collected at the end of each workday Report incidents or customers' queries in accordance with regulatory requirements | | |

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| | | <p>management system according to organisational procedures</p> <ul style="list-style-type: none"> • Direct traffic to enter or leave weighbridge to designated deposition sites for unloading of waste from the vehicle • Perform daily maintenance of the weighbridge • Provide a net weight printout to waste vehicle driver before traffic leave deposition site • Extract data from the weighbridge management system • Perform back-up of the management system according to the organisation's planned schedule to ensure data is not lost • Inform appropriate person or supervisor if work activities cannot be carried out | <p>data management system</p> <ul style="list-style-type: none"> • Ensure maintenance of the weighbridge and data management system are carried out as scheduled • Monitor weighbridge operations are performed accordance to organisational guidelines | <p>and organisational procedures</p> <ul style="list-style-type: none"> • Evaluate the resources required to collect the recyclable waste • Assess and evaluate consolidated data in addressing business objectives • Report to authorities or higher management on the types and quantity of recyclable waste collected and disposed | | |
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