

SKILLS FRAMEWORK FOR ENVIRONMENTAL SERVICES SKILLS MAP – WASTE RECYCLING MACHINE OPERATOR														
Sector	Environmental Services													
Track	Materials Recovery													
Occupation	Machine Operator													
Job Role	Waste Recycling Machine Operator													
Job Role Description	<p>The Waste Recycling Machine Operator sorts and transports materials for recycling in the waste management facility using motorised equipment. He/She is required to operate cranes and related machines to load, transport and remove materials in the facility. In performing most of these functions, he conducts functional checks on the machines, maintains machines and reports operational faults to the appropriate person.</p> <p>He is required to work at the waste management facility on a rotational shifts, and may potentially handle dangerous materials, while ensuring that all activities are completed in a safe and efficient manner. He is constantly exposed to unpleasant sights and smells and may at times be exposed to dangerous and/or toxic substances.</p> <p>He is physically fit, responsive, able to multi-task and capable of interacting with stakeholders.</p>													
Critical Work Functions and Key Tasks	<table border="1"> <thead> <tr> <th>Critical Work Functions</th> <th>Key Tasks</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Perform waste sorting and materials recovery operations</td> <td>Operate appropriate equipment to transport and/or sort waste as directed</td> </tr> <tr> <td>Ensure safety measures are adhered to during operation</td> </tr> <tr> <td>Update job and log card record entries accurately</td> </tr> <tr> <td rowspan="3">Handle tools and equipment</td> <td>Ensure the appropriate tools and equipment are in working condition</td> </tr> <tr> <td>Identify and report equipment faults to the supervisor</td> </tr> <tr> <td>Ensure tools and equipment are replenished timely, reinstated and maintained</td> </tr> <tr> <td rowspan="2">Manage incidents</td> <td>Report operational abnormalities to the appropriate persons</td> </tr> <tr> <td>Provide immediate response to incidents and emergencies</td> </tr> </tbody> </table>	Critical Work Functions	Key Tasks	Perform waste sorting and materials recovery operations	Operate appropriate equipment to transport and/or sort waste as directed	Ensure safety measures are adhered to during operation	Update job and log card record entries accurately	Handle tools and equipment	Ensure the appropriate tools and equipment are in working condition	Identify and report equipment faults to the supervisor	Ensure tools and equipment are replenished timely, reinstated and maintained	Manage incidents	Report operational abnormalities to the appropriate persons	Provide immediate response to incidents and emergencies
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Skills & Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Emergency Response Management	Level 2	Communication	Basic
	Environmental Management System Policies, Standards, Procedures and Practices Management	Level 1	Teamwork	Basic
	Equipment and Inventory Management	Level 2	Interpersonal Skills	Basic
	Hazardous Material Management	Level 2	Problem Solving	Basic
	Incident and Accident Investigation	Level 2	Service Orientation	Basic
	Robotics and Automation Application	Level 2		
	Stakeholder Management	Level 3		
	Waste Sorting Management	Level 2		
	Workplace Safety and Health Culture Development	Level 2		
Workplace Safety and Health Practices Implementation	Level 2			
Programme Listing	For a list of Training Programmes available for the Environmental Services sector, please visit: www.skillsfuture.sg/skills-framework/environmental-services			

The information contained in this document serves as a guide.