<table>
<thead>
<tr>
<th>TSC Category</th>
<th>Transportation Management</th>
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<tbody>
<tr>
<td>TSC</td>
<td>Transport Route and Schedule Planning</td>
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<tr>
<td>TSC Description</td>
<td>Optimise transportation resources for route scheduling and dispatching for waste collection and/or cleaning</td>
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<table>
<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
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<tbody>
<tr>
<td></td>
<td>EVS-TPM-2002-1.1</td>
<td>EVS-TPM-3002-1.1</td>
<td>EVS-TPM-4002-1.1</td>
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<tr>
<td>Coordinate vehicle routing and scheduling</td>
<td>Supervise vehicle routing and scheduling</td>
<td>Evaluate and establish routes and schedules for optimal vehicle routing and scheduling</td>
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### Knowledge
- Transportation operations procedure
- Transportation scheduling tools
- Types of traffic conditions and patterns
- Different planning considerations for each transportation type
- Road safety
- Relevant stakeholders
- Components of route sheet for collection and/or cleaning
- Factors and situations affecting assigned routes
- Purpose of rerouting exercise
- Route and cost optimisation modelling
- Procedures on vehicle routing and transport operator schedule
- Concept of trade-offs in transportation costing
- Concept of selection methods on transport services
- Road safety
- Purpose of rerouting exercise
- Factors and situations affecting assigned routes
- Route and cost optimisation framework
- Market trends in vehicle fleet management
- Technologies in distribution planning
- Vehicle tracking technologies
- Route planning technologies
- Road safety

### Abilities
- Interpret transportation schedules according to organisational requirements
- Compute the payload being collected along the route
- Assign the appropriate waste collection vehicle to be used according to the route and schedule
- Communicate with relevant stakeholders
- Coordinate pick up operations scheduling
- Interpret route for collection and/or
- Facilitate day-to-day transportation routing and scheduling according to organisational procedures and requirements
- Recommend the resources required for transport operations
- Review emerging situations and factors that will affect indirect collection and its implications
- Review effectiveness of vehicle fleet routes and schedules based on transportation operations strategy and business requirements
- Evaluate the resources required for transport operations
- Develop optimisation plans to increase effectiveness of vehicle fleet routing and scheduling based on latest vehicle tracking and route planning technologies

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<table>
<thead>
<tr>
<th>Cleaning with relevant documentations</th>
<th>Organise transportation operation schedules effectively</th>
<th>Review the risk impact of selected routes and schedules based on organisational procedures</th>
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<tbody>
<tr>
<td>Identify emerging situations and factors that will affect indirect collection and its implications</td>
<td>Facilitate in the review of emerging situations and factors affecting route planning</td>
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<tr>
<td>Coordinate the special equipment required for collection and/or cleaning</td>
<td>Participate in making adjustments to route planning</td>
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<td></td>
<td>Amend route sheets accordingly to reflect the adjustments made</td>
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