### TSC Category
Transportation Management

### TSC
Transport Management System Administration

### TSC Description
Manage and administer process enforcement, analytics, and optimization of Transport Management System (TMS) for moving freight in all modes, including intermodal movements

<table>
<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
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<td>Describe procedures to administer TMS</td>
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<td>Coordinate planning and execution of transport operations using TMS</td>
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<td>Supervise planning and execution of transport operations using TMS</td>
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<td>Review planning and execution of transport operations using TMS</td>
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<td>Drive planning and execution of transport operations using TMS</td>
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### Knowledge

- Principles of Transport Management
- Information required for tracking transportation fleet such as organisation, sender and consignee, origin and destination
- Key concepts in supply chain management
- Multi-modal and intermodal movements concepts
- Application of transportation operational technologies such as Auto ID technologies
- Performance and cost measures involved in transport operations
- Supply chain management approaches
- Multi-modal and intermodal movements management approaches
- Decision analytics
- Optimisation tools and techniques
- Supply chain management frameworks
- Transportation management frameworks
- Market trends in transport management
- Market trends in transportation technologies, such as driverless vehicles and vehicle positional tracking systems
- Statistical analytics interpretation
- Emerging trends in transport management
- Emerging trends in transportation technologies, such as driverless vehicles and vehicle positional tracking systems
- Project management

### Abilities

- Carry out data entry operations, especially for special requirements and transportation of goods by hand using computer or auto ID technology
- Deduce effectiveness of transport plans using established benchmarks and parameters
- Support planning of transport operations
- Coordinate execution of transport operations
- Track key performance indicators, such as cost and efficiency indicators
- Analyse effectiveness of transport plans using established benchmarks and parameters
- Organise planning of transport operations
- Implement execution of transport operations
- Analyse key performance indicators, such as cost and efficiency indicators
- Review resource and cost management based on market practices and business environment
- Develop key themes that emerge from statistical analyses to rationalise impacts to transport operations
- Facilitate planning of transport operations
- Facilitate execution of transport operations
- Anticipate emerging transport operations parameters to determine future resource requirements
- Develop the strategic positioning of transportation operation processes such as warehousing and freight forwarding, within logistics operations
- Drive planning of transport operations
- Guide execution of transport operations