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| Competency Standard D: GPS Navigation System |

**Overview**: This competency standard covers the skills and knowledge required to operate GPS Navigation System.

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| **Competency Units** | **Performance Criteria** |
| **CU1. Identify GPS Navigation System** | 1. Improved route planning and efficiency 2. Reduced driver workload and fatigue 3. Enhanced situational awareness, especially on unfamiliar routes 4. Real-time traffic updates and alternative route suggestions 5. Location tracking for fleet management purposes |
| **CU2. Identify Types of GPS Navigation System** | 1. In-dash navigation systems integrated into the vehicle's dashboard 2. Portable navigation devices with standalone displays 3. Smartphone navigation apps |
| **CU3. Operate a GPS Navigation System Safely** | 1. Enter destination information, checking route details, and identifying potential hazards. 2. Follow voice prompts or on-screen instructions cautiously, avoiding distractions, and maintaining focus on the road 3. Recognize that GPS systems can provide accurate information or routes |

**Knowledge & Understanding**

The candidate must be able to demonstrate underpinning knowledge and understanding required to carry out the tasks covered in this competency standard. This includes the knowledge of:

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|  | GPS Navigation Systems |
|  | Types of GPS Navigation Systems |
|  | GPS Navigation System Operation |
|  | Importance of Safe Operation |

**Critical Evidence(s) Required**

The candidate needs to produce following critical evidence(s) in order to be competent in this competency standard:

1. Demonstrate understanding of GPS satellites, receivers, and maps.
2. Identify various types of GPS devices, including in-dash systems, portable devices, and smartphone apps.
3. Explain how GPS improves route planning, reduces driver workload, enhances situational awareness, and provides real-time traffic updates.
4. Describe the characteristics and features of in-dash, portable, and smartphone navigation systems.
5. Demonstrate proficiency in entering destinations, interpreting route details, and identifying potential hazards.
6. Demonstrate safe driving behaviors, such as maintaining a safe following distance, obeying traffic laws, and avoiding distractions.