

**SKILLS FRAMEWORK FOR AIR TRANSPORT  
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT**

<b>TSC Category</b>	Airside Operations					
<b>TSC</b>	Airside Driving					
<b>TSC Description</b>	Operate vehicles at the airside and verify functionality of vehicles					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
	<b>ATP-ASO-1001-1.1</b>	<b>ATP-ASO-2001-1.1</b>	<b>ATP-ASO-3001-1.1</b>	<b>ATP-ASO-4001-1.1</b>		
	Operate vehicles to transport materials and equipment at the airside work areas	Assist stakeholders in the event of airside incidents and/or accidents	Perform checks and tests to ensure airside operational safety and adherence to airside driving rules	Develop and maintain frameworks governing airside driving rules and policies		
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>Airside signals, signs and markings</li> <li>Airport layout plans</li> <li>Standards for airside vehicle serviceability</li> <li>Airside safety and compliance requirements</li> <li>Airside vehicle control and driving</li> <li>Refuelling requirements of airside vehicles</li> <li>Airside incident and accident reporting standards followed by airlines and airport management</li> <li>Procedures for loading and unloading of goods</li> <li>Usage of Autonomous Guided Vehicles/Autonomous Vehicles (AGVs/AVs) for different airside operations</li> <li>Local guidelines such as Changi Airport Group (CAG) Airside Driving Theory Handbook</li> </ul>	<ul style="list-style-type: none"> <li>Airside signals, signs and markings</li> <li>Airport layout plans</li> <li>Standards for airside vehicle serviceability</li> <li>Airside safety and compliance requirements</li> <li>Airside vehicle control and driving</li> <li>Refuelling requirements of airside vehicles</li> <li>Airside incident and accident reporting standards followed by airlines and airport management</li> <li>Emergency response plans and procedures</li> <li>Types of emergency vehicles operating at the airside</li> <li>Usage of Autonomous Guided Vehicles/Autonomous Vehicles (AGVs/AVs) for different airside operations</li> <li>Local guidelines such as Changi Airport Group</li> </ul>	<ul style="list-style-type: none"> <li>Airside signals, signs and markings</li> <li>Airport layout plans</li> <li>Airside safety and compliance requirements</li> <li>Airside vehicle control and driving</li> <li>Airside incident and accident reporting standards followed by airlines and airport management</li> <li>New regulations affecting airside driving standards</li> <li>Airside driving permit requirements</li> <li>Usage of Autonomous Guided Vehicles/Autonomous Vehicles (AGVs/AVs) for different airside operations</li> <li>Local and international guidelines such as International Civil Aviation Organisation (ICAO) Annex for Aerodromes</li> </ul>	<ul style="list-style-type: none"> <li>Airside signals, signs and markings</li> <li>Airport layout plans</li> <li>Airside safety and compliance requirements</li> <li>Airside vehicle control and driving</li> <li>Usage and applications of Autonomous Guided Vehicles/Autonomous Vehicles (AGVs/AVs) for different airside operations</li> <li>Airside driving permit requirements</li> <li>New technologies which can be deployed in the airside</li> <li>Local and international guidelines such as International Civil Aviation Organisation (ICAO) Annex for Aerodromes</li> </ul>		

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		(CAG) Airside Driving Theory Handbook				
<b>Abilities</b>	<ul style="list-style-type: none"> <li>• Perform checks on motor vehicles for serviceability before driving</li> <li>• Drive motor vehicles to reach work areas without incidents and/or accidents</li> <li>• Contact relevant authorities in the event of motor vehicle incidents and/or accidents</li> <li>• Liaise with contractors for pick-up and drop-off of materials and equipment</li> <li>• Load and transport stocks, materials and equipment to and from aircraft</li> <li>• Report emergency situations, incidents and/or accidents</li> </ul>	<ul style="list-style-type: none"> <li>• Examine all vehicles to ensure cleanliness and regular maintenance</li> <li>• Operate vehicles to transport emergency personnel in response to incidents and/or accidents</li> <li>• Operate forklifts and large motor vehicles at the airside</li> </ul>	<ul style="list-style-type: none"> <li>• Administer airside driving tests and examinations</li> <li>• Verify airside drivers' licences for validity</li> <li>• Conduct spot checks at the airside to ensure adherence to airside driving regulations and airside safety standards</li> <li>• Monitor the airside driving areas to ensure no spillages or oil leakages</li> <li>• Investigate the root causes of airside incidents and/or accidents</li> <li>• Verify documentation and reports pertaining to airside motor vehicle incidents and/or accidents</li> </ul>	<ul style="list-style-type: none"> <li>• Determine criteria and standards for airside driving permits</li> <li>• Develop frameworks to test and assess functionality of AGVs/AVs for different airside operations</li> <li>• Develop policies to address non-compliance to airside safety and security requirements</li> <li>• Design programmes to enforce compliance with airside driving rules and policies</li> </ul>		