

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

<b>TSC Category</b>	Safety and Security Management					
<b>TSC</b>	Behavioural Analysis and Predictive Screening					
<b>TSC Description</b>	Mitigate security threats by deploying behavioural analysis and predictive screening techniques					
<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-SSM-1004-1.1</b>	<b>ATP-SSM-2004-1.1</b>	<b>ATP-SSM-3004-1.1</b>			
	Carry out behavioural analysis and predictive screening to screen suspicious customers and passengers	Monitor behavioural analysis and predictive screening procedures at the airports or in the cabins	Review and improve behavioural analysis and predictive screening procedures at the airports or in the cabins			
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>• Techniques and application of behavioural analysis and predictive screening</li> <li>• Observation techniques and interpretation of body language for behavioural analysis</li> <li>• Concealment techniques</li> <li>• Terror threats and modi operandi of terror groups in the regions</li> <li>• Processes and procedures of airport and airline security</li> </ul>	<ul style="list-style-type: none"> <li>• Techniques and application of behavioural analysis and predictive screening</li> <li>• Observation techniques and interpretation of body language for behavioural analysis</li> <li>• Concealment techniques</li> <li>• Terror threats and modi operandi of terror groups in the regions</li> <li>• Processes and procedures of airport and airline security</li> <li>• Travel documentations</li> <li>• Identification of potential threats through review of travel documentations</li> <li>• Customer and passenger risk assessment frameworks</li> <li>• Local and international guidelines such as International Civil Aviation Organisation (ICAO) Annex for Safety Management</li> </ul>	<ul style="list-style-type: none"> <li>• Techniques and application of behavioural analysis and predictive screening</li> <li>• Concealment techniques</li> <li>• Customer and passenger risk assessment frameworks</li> <li>• Terror threats and modi operandi of terror groups in the regions</li> <li>• Processes and procedures of airport and airline security</li> <li>• Best practices in behavioural analysis and predictive screening</li> <li>• Technologies for behavioural analysis and predictive screening</li> <li>• Local and international guidelines such as International Civil Aviation Organisation (ICAO) Annex for Safety Management</li> </ul>			

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<p><b>Abilities</b></p>	<ul style="list-style-type: none"> <li>Identify suspicious customers and passengers using behavioural analysis and predictive screening techniques</li> <li>Report suspicious cases to superiors and/or relevant authorities for further investigation</li> <li>Identify and report breaches of aviation security guidelines to relevant authorities</li> </ul>	<ul style="list-style-type: none"> <li>Interpret customer and passenger profiles and behaviours to determine level of risks</li> <li>Identify potential threats through reviews of travel documentations</li> <li>Escalate high risk cases to relevant authorities for actions</li> <li>Track performance of staff in executing screening measures</li> <li>Coordinate with aviation security, operations and other relevant teams to mitigate terror threats in the airports or in the cabins</li> </ul>	<ul style="list-style-type: none"> <li>Review behavioural analysis and predictive screening techniques to ensure they are not discriminatory or in violation of civil liberties</li> <li>Develop Standard Operating Procedures (SOPs) for execution of behavioural analysis and predictive screening techniques</li> <li>Refine SOPs for behavioural analysis and predictive screening in light of new incidents and/or terror threats in the regions</li> <li>Recommend new technologies to enhance behavioural analysis and predictive screening procedures</li> </ul>			
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