

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

TSC Category	Safety Management					
TSC	Dangerous Goods Management					
TSC Description	Manage handling of dangerous goods in accordance with regulatory requirements					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	ATP-SAM-1002-1.1	ATP-SAM-2002-1.1	ATP-SAM-3002-1.1	ATP-SAM-4002-1.1		
	Apply appropriate methods and techniques to handle dangerous goods	Execute dangerous goods handling processes and procedures in line with established compliance requirements	Review compliance and handling procedures of dangerous goods through process assessments	Develop compliance and handling procedures for dangerous goods in line with regulatory requirements		
Knowledge	<ul style="list-style-type: none"> Classification of hazardous materials and dangerous goods Standard Operating Procedures (SOPs) for dangerous goods management Declaration processes for dangerous goods Workplace Safety and Health (WSH) practices Lifting and storage of dangerous goods Dangerous Goods Regulations (DGR) International Air Transport Association's (IATA) Safety Audit for Ground Operations (ISAGO) standards 	<ul style="list-style-type: none"> Classification of hazardous materials and dangerous goods Marking and labelling of dangerous goods Standard Operating Procedures (SOPs) for dangerous goods management Components of Safety Data Sheet (SDS) Dangerous Goods Regulations (DGR) International Air Transport Association's (IATA) Safety Audit for Ground Operations (ISAGO) standards Local and international guidelines such as International Civil Aviation Organisation (ICAO) Annex for The Safe Transport of Dangerous Goods by Air 	<ul style="list-style-type: none"> Concepts and threshold limits of hazardous materials and dangerous goods Usage of different Safety Data Sheet (SDS) formats Passenger declaration forms Dangerous Goods Regulations (DGR) International Air Transport Association's (IATA) Safety Audit for Ground Operations (ISAGO) standards Local and international guidelines such as International Civil Aviation Organisation (ICAO) Annex for The Safe Transport of Dangerous Goods by Air 	<ul style="list-style-type: none"> Concepts and threshold limits of hazardous materials and dangerous goods Laws and regulations governing dangerous goods management Implications and risks of transportation and storage of dangerous goods Dangerous Goods Regulations (DGR) Emergency response plans and procedures in the airports International Air Transport Association's (IATA) Safety Audit for Ground Operations (ISAGO) standards Local and international guidelines such as International Civil Aviation Organisation (ICAO) Annex for The Safe Transport of Dangerous Goods by Air 		

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<p>Abilities</p>	<ul style="list-style-type: none"> • Prepare appropriate documentation for dangerous goods • Classify and identify dangerous goods • Apply appropriate and safe methods to lift and stow dangerous goods • Execute contingency measures for the different classes of dangerous goods during emergency situations 	<ul style="list-style-type: none"> • Monitor packing, marking, labelling and stowage procedures for dangerous goods • Coordinate dangerous goods documentation • Store dangerous goods based on SOPs and regulatory requirements • Interpret the DGR requirements 	<ul style="list-style-type: none"> • Administer appropriate labelling and documentation for dangerous goods packaging • Implement relevant and efficient SDS formats • Ensure compliance with dangerous goods storage regulatory requirements 	<ul style="list-style-type: none"> • Oversee dangerous goods operations to attain compliance with organisational and international safety standards • Develop recommendations to enhance the safety of dangerous goods management processes • Advise on laws and regulations applicable to dangerous goods classifications • Develop transportation and storage methods to handle different classifications of dangerous goods • Develop emergency response plans covering range of emergency situations 		
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