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| **1XXXXX** | **Prepare to handle dangerous goods in an aviation environment** |

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| **Kaupae |** Level | 4 |
| **Whiwhinga |** Credit | 4 |
| **Whāinga |** Purpose | This skill standard is for personnel who may be required to handle dangerous goods in an aviation environment.People credited with this skill standard know the regulations and their own responsibilities relating to the acceptance and carriage of dangerous goods by air; are able to identify dangerous goods and explain the hazards they present in an aviation environment; can mark and label dangerous goods; and can carry out dangerous goods emergency response procedures.  |

**Hua o te ako me Paearu aromatawai |** Learning outcomes and assessment criteria

| **Hua o te ako |** Learning outcomes  | **Paearu aromatawai |** Assessment criteria |
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| 1. Prepare to handle dangerous goods in an aviation environment.
 | 1. Identify tasks involved in dangerous goods handling.
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| 1. Identify accuracy of dangerous goods transport documents, packages, marking, and labelling for safe flight operations.
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| 1. Discuss how to apply regulatory compliance requirements appropriate to a specific aviation workplace role.
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| 1. Discuss the legal responsibilities of stakeholders involved in the transportation of dangerous goods by air.
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**Pārongo aromatawai me te taumata paearu |** Assessment information and grade criteria

*Assessment specifications:*

This skill standard relates to the acceptance and carriage of dangerous goods in passengers’ and crews’ checked and cabin baggage only. It does not relate to the acceptance and carriage of dangerous goods in cargo.

Assessment should reflect only one of the roles listed below (as per NZ CAA Exemption 25/EXE/47 to CAR 92.203(a)):

* Dangerous Goods Regulations (DGR) for Cabin Crew Members (e-learning)
* DGR for Flight Crew Members (e-learning)
* DGR for Flight Operations Personnel and Flight Dispatchers (e-learning)
* DGR for General Cargo Accepting and Processing Personnel (e-learning)
* DGR for Handling and Loading Personnel (e-learning)
* DGR for Loadmasters and Load Planners (e-learning)
* DGR for Passenger Handling Personnel (e-learning).

Civil Aviation Rule Part 92 requires that personnel who are assigned duties involving dangerous goods that are intended for carriage by air have satisfactorily completed an approved dangerous goods training programme applicable to their assigned duties, as outlined in the International Air Transport Association (IATA) Dangerous Goods Regulations. This training must be undertaken prior to undertaking these duties and then on a recurrent basis every 24 months.

Instructors of initial and recurrent dangerous good training must have adequate instructional skills and have successfully completed a dangerous goods training programme in the applicable category as per Table 1.5A of the IATA Dangerous Goods Regulations.

Instructors delivering initial and recurrent dangerous good training programmes must deliver such a course at least once every 24 months or, in the absence of this, attend recurrent training.

*Definitions:*

*Dangerous goods* are articles or substances which are capable of posing a risk to health, safety, property or the environment and which are shown in the list of dangerous goods in IATA Dangerous Goods Regulations or which are classified according to these regulations.

*Enterprise procedures* refer to the expected performance required by the enterprise in which credit for this standard is being sought. Enterprise procedures may be specified in manuals, guidelines, checklists, information bulletins and Civil Aviation Authority of New Zealand (CAA) documentation, New Zealand Defence Force (NZDF) Policy.

*Industry regulations* refer to any legislation recognised in New Zealand or international regulations relating to the carriage of dangerous goods by air.

***Ngā momo whiwhinga |*** *Grades available*

Achieved

**Ihirangi waitohu |** Indicative content

For all assessment criteria:

* Civil Aviation Act 2023.
* Civil Aviation Rules Part 92 and associated Advisory Circulars.
* IATA Dangerous Goods Regulations section 1.0.
* International Civil Aviation Organization (ICAO) Technical Instructions.
* ICAO Annex 18 – Dangerous Goods.
* Aviation Crimes Act 1972.
* Hazardous Substances and New Organisms Act 1996.

Tasks

* Identification of dangerous goods (including acceptable, forbidden, and hidden), their characteristics, and their limitations of carriage.
* End-to-end communication of hazards and handling requirements.
* Completing role-specific actions and checklists correctly to fulfil legal and safety requirements.
* Dangerous goods emergency response procedures.

Documentation

* Classes of dangerous goods.
* Importance of accurate identification and classification of dangerous goods.
* Marking and labelling of dangerous goods for carriage by air, including identification of incorrectly marked or labelled packages.
* Safety implications of packaging, and quantity, and loading limitations.

Regulatory compliance

* Impact of state and operator variations on dangerous goods management.
* Relevant sections of current DGR documents and legislation.

Legal responsibilities

* Legal responsibilities of a person in the role being assessed.
* Legal responsibilities of other important stakeholders and their jurisdictional position.

**Rauemi |** Resources

* [www.aviation.govt.nz/safety/safety-education-and-advice/transporting-dangerous-goods/](http://www.aviation.govt.nz/safety/safety-education-and-advice/transporting-dangerous-goods/)
* Civil Aviation Act 2023
* Civil Aviation Rules Part 92 and associated Advisory Circulars
* IATA Dangerous Goods Regulations section 1.0
* ICAO Technical Instructions
* ICAO Annex 18 – Dangerous Goods
* Aviation Crimes Act 1972
* Hazardous Substances and New Organisms Act 1996.

**Pārongo Whakaū Kounga |** Quality assurance information

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| **Ngā rōpū whakatau-paerewa |** Standard Setting Body | Ringa Hora Services Workforce Development Council |
| **Whakaritenga Rārangi Paetae Aromatawai |** DASS classification | Service Sector > Aviation > Aviation - Core |
| **Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga |** CMR | 0112 |

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| **Hātepe |** Process | **Putanga |** Version | **Rā whakaputa |** ReviewDate | **Rā whakamutunga mō te aromatawai |** Last date for assessment |
| **Rēhitatanga |** Registration  | 1 | [dd mm yyyy] | N/A |
| **Kōrero whakakapinga |** Replacement information | This skill standard replaced unit standard 21837. |
| **Rā arotake |** Planned review date | 30 December 2030 |

Please contact Ringa Hora Services Workforce Development Council at qualifications@ringahora.nz to suggest changes to the content of this skill standard.