



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
WORKING GROUP MEETING (DGP-WG/25)**

**Delhi, India, 21 to 25 April 2025**

- Agenda Item 2: Managing air-specific safety risks and identifying anomalies (REC-A-DGS-2027)**  
**2.1: Develop proposals, if necessary, for amendments to Annex 18 — *The Safe Transport of Dangerous Goods by Air***

**REPORT OF THE ICAO DGP WORKING GROUP ON TRAINING**

(Presented by T. Muller)

**SUMMARY**

This working paper provides an update on the activities of the DGP Working Group on Training (DGP-WG/Training) since the twenty-ninth meeting of the panel (DGP/29) and invites DGP-WG/25 to consider a new ANC job card on dangerous goods training.

Action by the DGP-WG is in paragraph 3.

**1. INTRODUCTION**

1.1 At the 2024 meeting of the Dangerous Goods Panel Working Group (DGP-WG/24, 21 to 25 October 2024), the panel received a report of the activities of the DGP Working Group on Training (DGP-WG/Training). DGP-WG/Training had focused on two areas since the twenty-ninth meeting of the DGP (DGP/29, 13 to 17 November 2023).

1.2 The first was a review of proposed amendments to the training chapter in Annex 18 presented under Agenda Item 5 in the DGP/29 Report. The second was an evaluation of the effectiveness of *Guidance on a Competency-based Approach to Dangerous Goods Training and Assessment* (Doc 10147) to facilitate the practical implementation of the training provisions from the Technical Instructions. DGP-WG/Training concluded that the guidance material was overly theoretical and challenging to understand, thereby complicating practical implementation.

1.3 During DGP-WG/24, there was general support for simplifying the guidance document by making it more practical and less theoretical. However, concerns were raised that the guidance material was being interpreted as a mandatory requirement for implementing the training provisions in the Technical Instructions, which was never its intended purpose. The document provides a methodology to ensure personnel are competent in performing their assigned functions but does not exclude alternative approaches that achieve the same objective.

1.4 Additionally, DGP-WG/24 requested DGP-WG/Training to review the training provisions in the Technical Instructions to determine whether improvements were needed to support more consistent implementation. However, any regulatory changes should only be considered if they addressed a clear problem that could not be resolved otherwise.

1.5 DGP-WG/24 also supported the development of a job card with a well-defined problem statement.

## 2. RECENT WORK OF DGP/WG-TRAINING

2.1 Following discussions at DGP-WG/24, DGP-WG/Training drafted a job card outlining a clear problem statement (see the appendix to this working paper). The job card highlights the need to simplify the guidance to support the practical implementation of training provisions in the Technical Instructions. It also identifies a potential need to refine the training provisions to enhance consistency in implementation. However, any regulatory changes would only be considered if they address a clearly defined problem that cannot be resolved through other means.

2.2 DGP-WG/Training has already been drafting proposed amendments to Doc 10147. These revisions focus on simplifying all chapters, including streamlining definitions, enhancing competency models, and improving the task/assessment matrix tool. The group considered whether material needed to be added to Doc 10147 to make it more comprehensive, recognizing that the document included some of the theory from PANS-TRG but not all.

2.3 DGP-WG/Training intends to submit proposed amendments for consideration at the thirtieth meeting of the DGP (DGP/30).

## 3. ACTION BY THE DGP-WG

3.1 The DGP-WG is invited to:

- a) agree that the ANC job card presented in the appendix to this working paper should be submitted to the ANC for approval; and
- b) note the progress made by DGP-WG/Training since DGP/29.

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**APPENDIX**  
**ANC JOB CARD**



<b>DGP.00X.01</b>		<b>Dangerous goods training</b>						
<b>Source</b>		DGP/30, Recommendation XX						
<b>Problem Statement</b>		Existing guidance material to support implementation of dangerous goods training provisions is overly complicated and challenging to understand, as it is considered to theoretical.						
<b>Specific Details</b>		<p>New training provisions in the Technical Instructions became mandatory in 2023 after a two—year transition period. The revised provisions support a competency-based approach to dangerous goods training and assessment as a methodology that can be used to ensure personnel are competent to perform functions for which they are responsible. They are not intended to exclude other methodologies that would achieve the same intent. Supporting guidance is contained in <i>Guidance on a Competency-based Approach to Dangerous Goods Training and Assessment</i> (Doc 10147). Industry members implementing competency-based training and assessment for dangerous goods and State regulators overseeing dangerous goods training programmes indicate that the material is overly theoretical and challenging to understand, thereby complicating practical implementation. A study conducted by the DGP Working Group on Training based on this feedback identified the need to simplify the guidance with the aim of facilitating a practical implementation of the training provisions in the Technical Instructions. It also identified a potential need for improvement of the training provisions in the Technical Instructions to promote a more consistent implementation of the provisions, provided this would only be considered to address a clear problem that could only be addressed through regulation.</p> <p>There are concerns that the guidance material being perceived by States and industry as the only way of implementing the training provisions in the Technical Instructions, which is not the intent. Efforts need to be taken to eliminate this incorrect perception and not to add to it. The DGP Working Group on Training should ensure that other DG training materials and relevant ICAO documents will be aligned to maintain consistency and coherence across all related training guidance.</p>						
<b>GANP/GASP Link</b>		GASP 3.3: Operational safety risks						
<b>Expected Benefits</b>		Improved safety as a result of a more competent and consistent dangerous goods workforce globally						
<b>Reference Documents</b>		DGP-WG/24 Report (paragraph 4.2.2) DGP/30 Report, Recommendation xx						
<b>Primary Expert Group:</b>		Dangerous Goods Panel (DGP)						
	WPE No.	Document Affected or Actions Needed	Description of Amendment proposal or Action	Supporting Expert Group	Status	Expected dates:		
						Delivery	Effective	Applicability
✓		Actions	Review training provisions in Doc 9284 and supporting guidance in Doc 10147 to identify inconsistencies or gaps that result in inadequately trained personnel	FLTOPSP-SCGSWG		Q4 2027	Q4 2027	Q4 2029
✓		Doc 10147	Simplify guidance to support dangerous goods training allowing for practical implementation	FLTOPSP		Q4 2027	Q4 2027	Q4 2029
✓		Doc 9284	If necessary, amend to eliminate any identified gaps while avoiding the addition of prescriptive provisions	FLTOPSP		Q4 2027	Q4 2027	Q4 2029
<b>Status:</b>			<b>Priority:</b>	<b>Initial Issue Date:</b>	<b>Date Approved by ANC:</b>	<b>Session / Meeting:</b>		
<b>RATIONALE</b>								