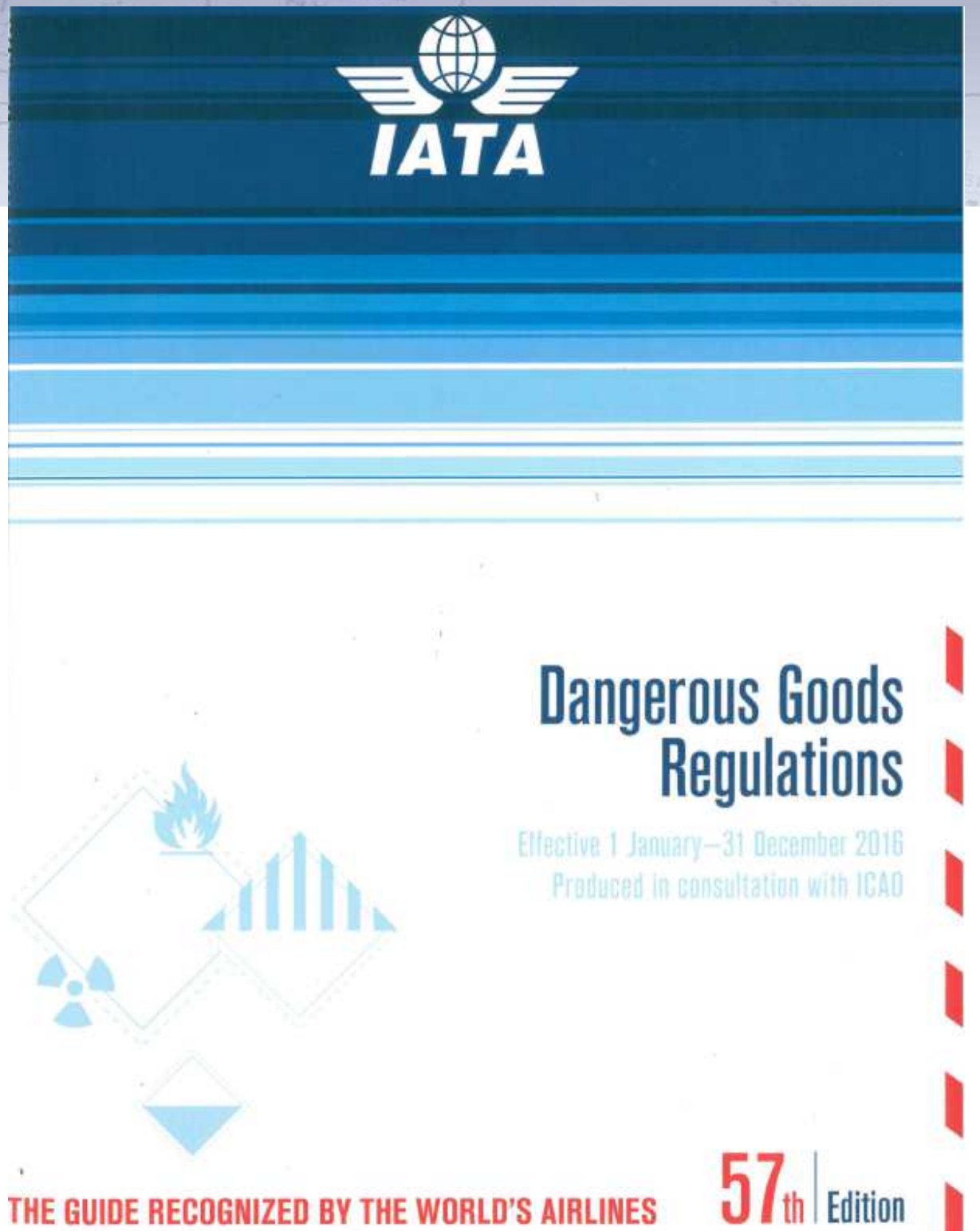


Minimum DGR Requirements for FOO / FOC



What is new
since
01.01.2014 ?



Shortcut and summary :

Since 01.01.2014 employees working for an IATA-Member or IOSA certified AOC-holder in the functions of Operational Control (i.E. Ops Control, Dispatch, Flightwatch) has to hold a valid DGR certificate.

Recurrent training must be provided within 24 month.

Without a valid certificat it is not allowed to practise duties in live operation.

until 31.12.2013

the DG-Qualification for FOO was not allocated to a specific category

TABLE 1.5.A
Minimum Requirements for Training Curricula (1.5.2)

KEY

1. *Shippers and persons undertaking the responsibilities of shippers', including operator's staff acting as shippers, operator's staff preparing dangerous goods as Company Materials (COMAT)*
2. *Packers*
3. *Staff of freight forwarders involved in processing dangerous goods*
4. *Staff of freight forwarders involved in processing cargo or mail (other than dangerous goods)*
5. *Staff of freight forwarders involved in the handling, storage and loading of cargo or mail*
6. *Operator's and ground handling agent's staff accepting dangerous goods*
7. *Operator's and ground handling agent's staff accepting cargo or mail (other than dangerous goods)*
8. *Operator's and ground handling agent's staff involved in the handling, storage and loading of cargo or mail and baggage*
9. *Passenger handling staff*
- △ 10. *Flight crew members, loadmasters and load planners*
11. *Crew members (other than flight crew members)*
12. *Security staff who deal with the screening of passengers and their baggage and cargo or mail, e.g. security screeners, their supervisors and staff involved in implementing security procedures.*

In April 2013 the ICAO-recommendation was issued

10 — **Flight crew members, loadmasters and load planners and flight operations officer/flight dispatcher.**



International Civil Aviation Organization

WORKING PAPER

DGP-WG/13-WP/38
14/3/13

**DANGEROUS GOODS PANEL (DGP)
MEETING OF THE WORKING GROUP OF THE WHOLE**

Montréal, 15 to 19 April 2013

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2015-2016 Edition

2.1 : Part 1 — General

TRAINING OF FLIGHT OPERATIONS OFFICER/FLIGHT DISPATCHER

(Presented by Micheline Paquette)

SUMMARY

The paper proposed the addition of flight operations officer/flight dispatcher to category 10 of Table 1-4 and category 15 of Table 1-5.

Action by the DGP-WG is in paragraph 2.

The 56th Edition of the Dangerous Goods Regulations:



Applicability

TABLE 1.5.A

Minimum Requirements for Training Curricula (1.5.2)

CATEGORY

1. *Shippers and persons undertaking the responsibilities of shippers', including operator's staff acting as shippers, operator's staff preparing dangerous goods as Company Materials (COMAT)*
2. *Packers*
3. *Staff of freight forwarders involved in processing dangerous goods*
4. *Staff of freight forwarders involved in processing cargo or mail (other than dangerous goods)*
5. *Staff of freight forwarders involved in the handling, storage and loading of cargo or mail*
6. *Operator's and ground handling agent's staff accepting dangerous goods*
7. *Operator's and ground handling agent's staff accepting cargo or mail (other than dangerous goods)*
8. *Operator's and ground handling agent's staff involved in the handling, storage and loading of cargo or mail and baggage*
9. *Passenger handling staff*
10. *Flight crew members, loadmasters, load planners and flight operations officers/flight dispatchers*
11. *Crew members (other than flight crew members)*
- △ 12. *Security staff who deal with the screening of passengers and crew and their baggage and cargo or mail, e.g. security screeners, their supervisors and staff involved in implementing security procedures.*

TABLE 1.5.A
Minimum Requirements for Training Curricula (1.5.2)

Aspects of transport of dangerous goods by air with which they should be familiar, as a minimum	Shippers and packers		Freight forwarders			Operators and ground handling agents						Security screeners
	Category											
	1	2	3	4	5	6	7	8	9	10	11	12
General philosophy	X	X	X	X	X	X	X	X	X	X	X	X
Limitations	X		X	X	X	X	X	X	X	X	X	X
General requirements for shippers	X		X			X						
Classification	X	X	X			X						X
List of dangerous goods	X	X	X			X				X		
General packing requirements	X	X	X			X						
Packing instructions	X	X	X			X						
Labelling and marking	X	X	X	X	X	X	X	X	X	X	X	X
Shipper's Declaration and other relevant documentation	X		X	X		X	X					
Acceptance procedures						X						
Recognition of undeclared dangerous goods	X	X	X	X	X	X	X	X	X	X	X	X
Storage and loading procedures					X	X		X		X		
Pilots' notification						X		X		X		
Provisions for passengers and crew	X	X	X	X	X	X	X	X	X	X	X	X
Emergency procedures	X	X	X	X	X	X	X	X	X	X	X	X

CATEGORY

10. Flight crew members, loadmasters, load planners and flight operations officers/flight dispatchers

Requirements for the Training :

1.5.0 General

1.5.0.1 The successful application of regulations concerning the transport of dangerous goods and the achievement of their objectives are greatly dependent on the appreciation by all individuals concerned of the risks involved and on a detailed understanding of the Regulations. This can only be achieved by properly planned and maintained initial and recurrent training programmes for all persons concerned in the transport of dangerous goods.

1.5.0.2 Personnel identified in the categories specified in Tables 1.5.A, 1.5.B or 1.5.C must be trained or training must be verified prior to the person performing any duty specified in Tables 1.5.A, 1.5.B or 1.5.C.

1.5.0.3 Recurrent training must be provided within 24 months of previous training to ensure knowledge is current. However, if recurrent training is completed within the final 3 months of validity of previous training, the period of validity extends from the month on which the recurrent training was completed until 24 months from the expiry month of that previous training.

1.5.0.4 A test must be provided following dangerous goods training to verify understanding of the regulations. Confirmation is required of successful completion of the test.

1.5.1 Training Programmes

Initial and recurrent training programmes must be established and maintained by or on behalf of:

- operators;
- ground handling agencies which perform, on behalf

1.5.2 Training Curricula

1.5.2.1 Personnel must be trained in the requirements commensurate with their responsibilities.

1.5.2.2 Training must include:

- (a) general familiarization training—which must be aimed at providing familiarity with the general provisions;
- (b) function specific training—which must provide detailed training in the requirements applicable to the function for which that person is responsible; and
- (c) safety training—which must cover the hazards presented by dangerous goods, safe handling and emergency response procedures.



1.5.3 Training Curricula—“No Carry” Operators

1.5.3.1 Operators that do not carry dangerous goods as cargo, mail or stores must ensure that personnel must receive training in the requirements commensurate with their responsibilities.

1.5.3.2 The subject matter to which their various categories of personnel must be familiar is indicated in Table 1.5.B.

Recording of the Training :

1.5.6 Record of Training

1.5.6.1 A record of training must be maintained, which must include:

- the individual's name;
- the most recent training completion month;
- a description, copy or reference to training materials used to meet the training requirement;
- the name and address of the organization providing the training; and
- evidence, which shows that a test has been completed satisfactorily.

1.5.6.2 The training records must be retained by the employer for a minimum period of thirty-six months from the most recent training completion month and must be made available upon request to the employee or appropriate national authority.

Requirements for the training programmes and the trainer :

1.5.5 Approvals

Dangerous goods training programmes for operators' personnel must be subjected to review and approval by the appropriate authority of the State of the operator. Dangerous goods training programmes of designated postal operators must be subjected to review and approval by the civil aviation authority of the State where the mail was accepted by the designated postal operator. Dangerous goods training programmes for all categories of staff shown in 1.5.1, other than operators and designated postal operators, should be reviewed and approved as determined by the appropriate national authority.

1.5.7 Instructor Qualifications

1.5.7.1 Unless otherwise provided for by the appropriate national authority, instructors of initial and recurrent dangerous goods training programmes must have adequate instructional skills and have successfully completed a dangerous goods training programme in the applicable category or Category 6 of Table 1.5.A or another training programme that additionally covers all aspects of Table 1.5.A, prior to delivering such a dangerous goods training programme.

Note:

“Adequate instructional skills” can come from a variety of methods. A list of instructional techniques is found in the Guidelines for Instructors of Dangerous Goods Courses.

1.5.7.2 Instructors delivering initial and recurrent dangerous goods training programmes must at least every 24 months deliver such a course, or in the absence of this attend recurrent training. Instructors must receive and understand updates to dangerous goods information and be made familiar with those changes by training or other means on an annual basis or as the Regulations are modified.

1.5.7.3 Organisations must ensure that the instructor receives updates to the Regulations and training material on an annual basis with the issuance of each edition of the DGR.

The good news: ICAO provided Training Development Standards based on Competency-Based Training and Assessments

1.5.8 Competency-Based Training and Assessment

Competency-based training and assessment should be used in accordance with the general provisions contained in Chapter 2 of the ICAO *Procedures for Air Navigation Services—Training* (PANS-TRG, Doc 9868).

There is no fixed duration for a DG-Qualification for FOO but it is recommended to perform a training need analysis taking into account the evidence of job tasks and the competence level of the target group.

Competency-based approach to training and assessment

- 2.2.1 The development of competency-based training and assessment shall be based on a systematic approach whereby competencies and their standards are defined, training is based on the competencies identified, and assessments are developed to determine whether these competencies have been achieved.
- 2.2.2 Competency-based approaches to training and assessment shall include at least the following features:
- a) the justification of a training need through a systematic analysis and the identification of indicators for evaluation;
 - b) the use of a job and task analysis to determine performance standards, the conditions under which the job is carried out, the criticality of tasks, and the inventory of skills, knowledge and attitudes;
 - c) the identification of the characteristics of the trainee population;
 - d) the derivation of training objectives from the task analysis and their formulation in an observable and measurable fashion;
 - e) the development of **critterion-referenced**, valid, reliable and performance-oriented tests;
 - f) the development of a curriculum based on adult learning principles and with a view to achieving an optimal path to the attainment of competencies;
 - g) the development of **material-dependent** training; and
 - h) the use of a continuous evaluation process to ensure the effectiveness of training and its relevance to line operations.

Note.— A detailed description of the ICAO course development methodology, a competency-based approach to training and assessment and an example of an ISD methodology, can be found in the Attachment to Chapter 2.

Meanwhile there is also a requirement from the german Luftfahrt Bundesamt publised in a NFL and valid from the 21.Jan 2016 :

NACHRICHTEN FÜR LUFTFAHRER

21 JAN 2016

gültig ab: sofort

2-238-16

II 36/05 wird hiermit aufgehoben.

**Bekanntmachung über die Beförderung von gefährlichen Gütern
im Luftverkehr und die Schulungsanforderungen
an die betroffenen Personenkreise**

1. Alle an der Vorbereitung der Beförderung und Beförderung von Personen, Fracht und Post Beteiligten im Luftverkehr müssen vor Aufnahme ihrer Tätigkeit an einer ihren Aufgaben und Verantwortlichkeiten entsprechenden Grundschulung gemäß ICAO T.I. und der EU-VO 965/2012 Teil SPA erfolgreich teilnehmen. Innerhalb von 24 Monaten muss an einer Wiederholungsschulung teilgenommen werden.





Deutsche Flugdienstberatervereinigung
German Airlines Dispatcher Association

Thanks for your attention