





01 – General limitations

General exceptions

T.I. part 1, chapter 1.1.5

The Regulations may not apply for certain dangerous goods transported in specific cases, e.g.

- to provide, during flight, medical or veterinary aid provided these DGs respect some provisions, e.g. to be on board with the approval of the operator;
- for dropping (agriculture, pollution control, avalanche control, etc.);
- to provide aid in connection with search and rescue operations;
- required for the propulsion of the means of transport;
- contained within items of excess baggage being sent as cargo;
- etc.

All these exceptions are allowed under certain conditions. See the regulation for more details.

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01 - General limitations

Exceptions for dangerous goods of the operator

T.I. part 1, chapter 2.2

Some exceptions are also granted to the operators to allow the smooth running of their operations. The provisions of T.I. do not apply to the following:

- articles and substances which are required to be aboard in accordance with the airworthiness requirements and operating regulations or that are authorized by the State of the Operator;
- some articles carried aboard for use or sale on the aircraft during the flight or series of flights;
- dry ice intended for use in food and beverage service;
- electronic devices (...) containing lithium cells or batteries for use on the aircraft during the flight or series of flights.

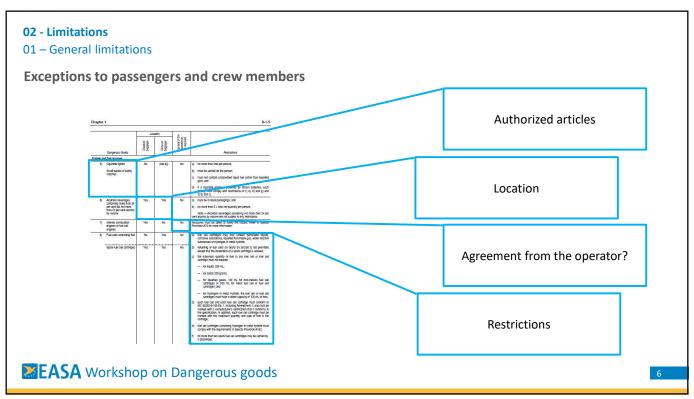
All these exceptions are allowed under certain conditions. See the regulation for more details.

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01 – General limitations

Exceptions to passengers and crew members

T.I. part 8, chapter 1

Examples:

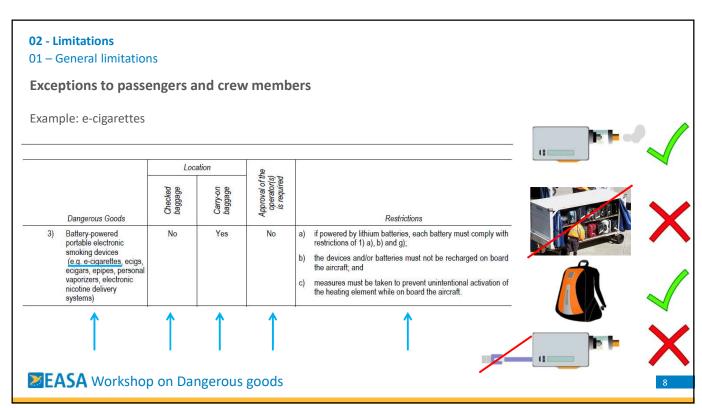
- Devices with lithium batteries and spare batteries;
- Battery-powered mobility aids;
- Cigarette lighters and small packets of safety matches;
- Cylinders of oxygen for medical use;
- Dry ice;
- Ammunitions;
- Etc.



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02 – Hidden dangerous goods

Operator's responsibility

Some goods, although having an innocent name, may have hidden dangerous characteristic





Dangerous?
Not dangerous?

In order to prevent the loading of undeclared dangerous goods on board an aeroplane that are not authorized operators' agents who are responsible for accepting cargo and/or passenger services may need to inquire with the shipper to ensure that hidden dangerous goods are not accepted.







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02 - Hidden dangerous goods

Examples

"battery-powered devices/equipment" — may contain wet or lithium batteries.

"cylinders" — may contain compressed or liquefied gas.

"electrical/electronic equipment" — may contain magnetized material, mercury in switch gear, electron tubes, wet or lithium batteries or fuel cells or fuel cell cartridges that contain or have contained fuel.

"samples for testing" — may contain items meeting any of the criteria for dangerous goods, particularly infectious substances, flammable liquids, flammable solids, oxidizers, organic peroxides, toxic or corrosive substances.

"aircraft on ground (AOG) spares" – may contain explosives (flares or other pyrotechnics), chemical oxygen generators, unserviceable tire assemblies, cylinders of compressed gas (oxygen, carbon dioxide or fire extinguishers), fuel in equipment, wet or lithium batteries, matches.

etc.

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02 - Limitations

02 – Hidden dangerous goods

DG occurrence report

Part 1; Chapter 7

INCIDENT AND ACCIDENT REPORTING



Entities other than operators who are in possession of dangerous goods at the time a dangerous goods accident or incident occurs or at the time a dangerous goods incident is discovered to have occurred should follow the reporting requirements of Part 7;4.4. Entities other than operators who discover undeclared or misdeclared dangerous goods should follow the reporting requirements of Part 7;4.5. These entities may include, but are not limited to, freight forwarders, customs authorities and security screening providers.

4.5 REPORTING OF UNDECLARED OR MISDECLARED DANGEROUS GOODS

An operator must report any occasion when <u>undeclared or misdeclared</u> dangerous goods are discovered in cargo or mail. Such a report must be made to the appropriate authorities of the <u>State of the Operator and the State in which this occurred.</u> An operator must also report any occasion when dangerous goods <u>not permitted under 8;1.1.1</u> are discovered by the operator, or the operator is advised by the entity that discovers the dangerous goods, either in the baggage or on the person, of passengers or crew members. Such a report must be made to the appropriate authority of the <u>State in which this occurred.</u>

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02 - Hidden dangerous goods

DG occurrence report



CAT.GEN.MPA.200 Transport of dangerous goods

- (e) The operator shall, in accordance with the technical instructions, report without delay to the competent authority and the appropriate authority of the State of occurrence in the event of:
 - any dangerous goods accidents or incidents;
 - (2) the discovery of undeclared or misdeclared dangerous goods in cargo or mail; or
 - (3) the finding of dangerous goods carried by passengers or crew members, or in their baggage, when not in accordance with Part 8 of the technical instructions.

AMC1 NCC.GEN.150(e) Transport of dangerous goods

AMC1 NCO.GEN.140(d) Transport of dangerous goods

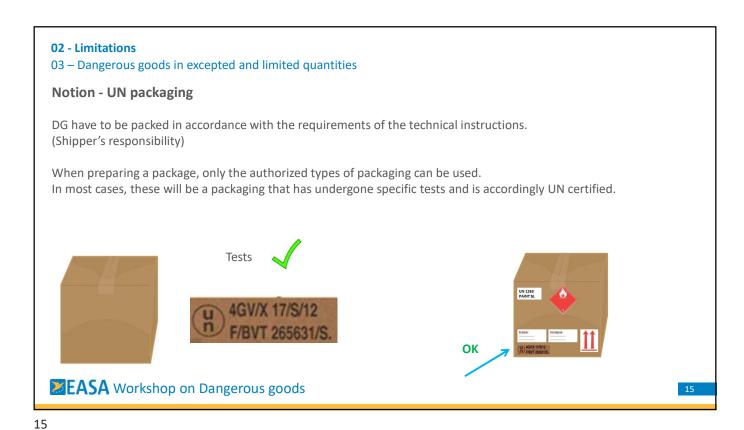
AMC1 SPO.GEN.150(e) Transport of dangerous goods

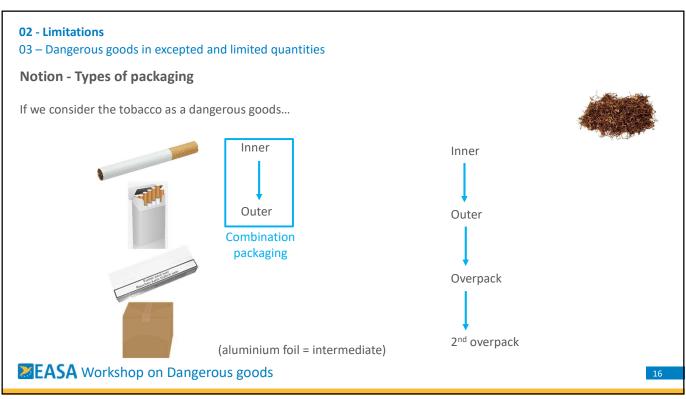
EASA Workshop on Dangerous goods

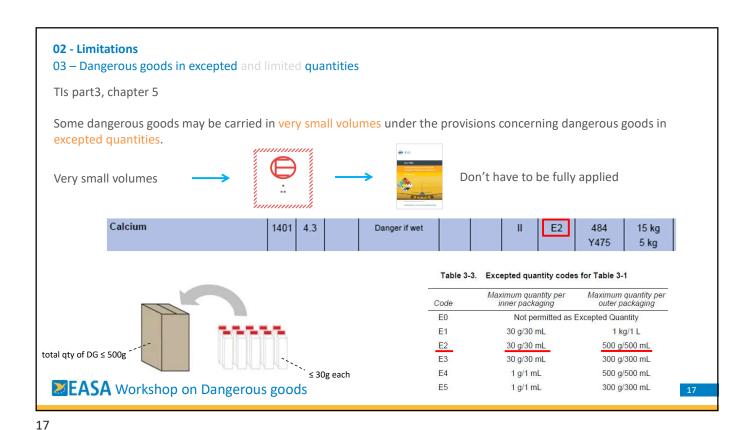
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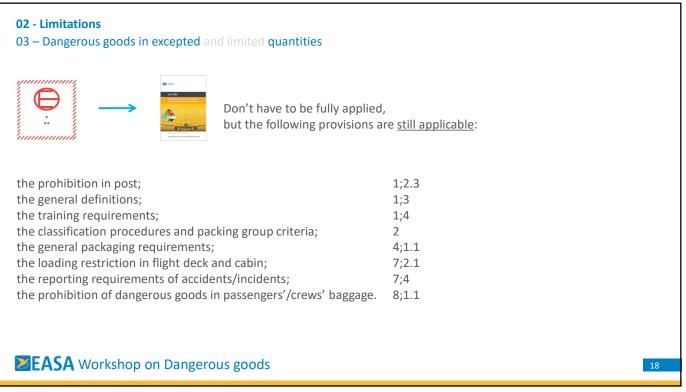
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03 – Dangerous goods in excepted and limited quantities

Packages must pass drop tests and stacking tests... ...but UN-approved package is not required;

No label or mark is required but the "excepted quantities" one (and the orientation arrows if relevant);

The Shipper's Declaration for Dangerous Goods is not required





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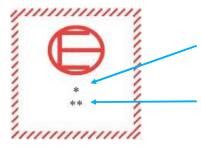
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02 - Limitations

03 – Dangerous goods in excepted and limited quantities

Packages must be durably and legibly marked with the dedicated mark:



Place for class or division number(s)

Place for name of shipper or consignee (if not shown elsewhere on the package)

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03 – Dangerous goods in excepted and limited quantities

De minimis quantities

(TIs part3, chapter 5.6)

Dangerous goods assigned to codes E1, E2, E4 or E5 are not subject to the Technical Instructions when carried as cargo provided that:

- the maximum net quantity per inner packaging is limited to 1 ml for liquids and gases and 1 g for solids;
- the maximum net quantity of dangerous goods per outer packaging does not exceed 100 g for solids or 100 ml for liquids and gases.

The requirements for packaging are the same than for a shipment in excepted quantities.

Table 3-3. Excepted quantity codes for Table 3-1

Code	Maximum quantity per inner packaging	Maximum quantity per outer packaging
E0	Not permitted as Excepted Quantity	
E1	30 g/30 mL	1 kg/1 L
E2	30 g/30 mL	500 g/500 mL
E3	30 g/30 mL	300 g/300 mL
E4	1 g/1 mL	500 g/500 mL
E5	1 g/1 mL	300 g/300 mL

Inner ≤ 1ml/1g Outer ≤ 100ml/100g

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02 - Limitations

03 – Dangerous goods in excepted and limited quantities

TIs part3, chapter 4

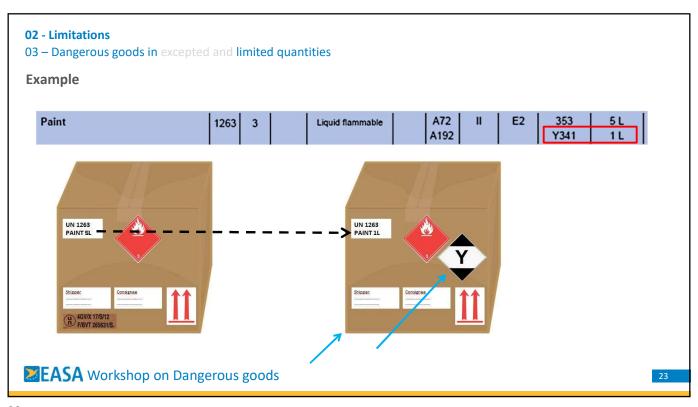
Many dangerous goods when in reasonably limited quantities present a reduced hazard during transport.

As a consequence, they can safely be carried in good quality packaging of the types specified in the UN recommendations, but which have not been tested and marked accordingly (all other requirements must be met).

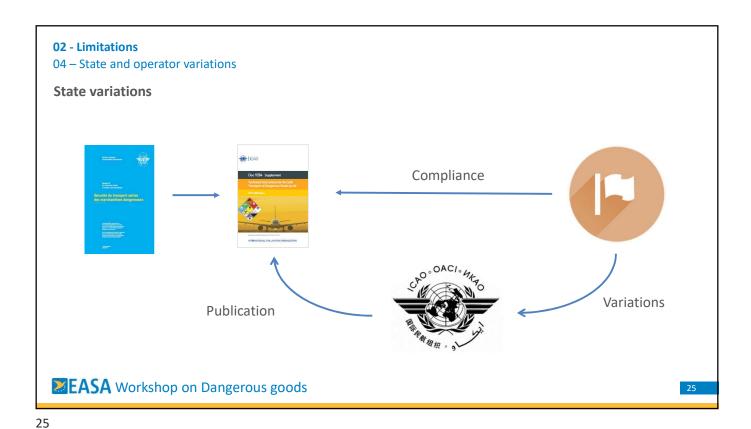
Small quantities Y



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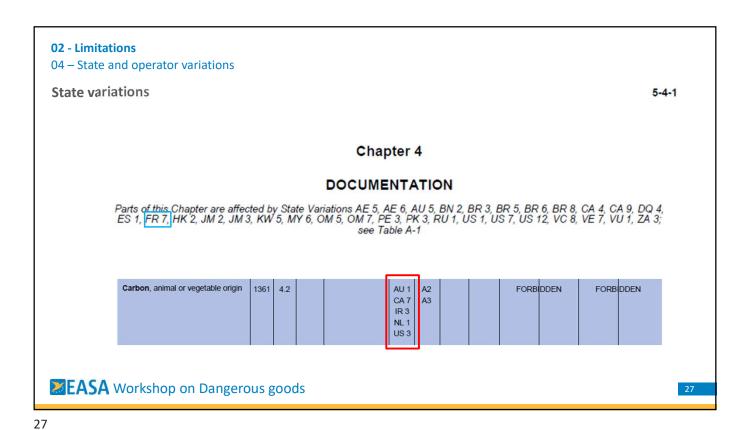


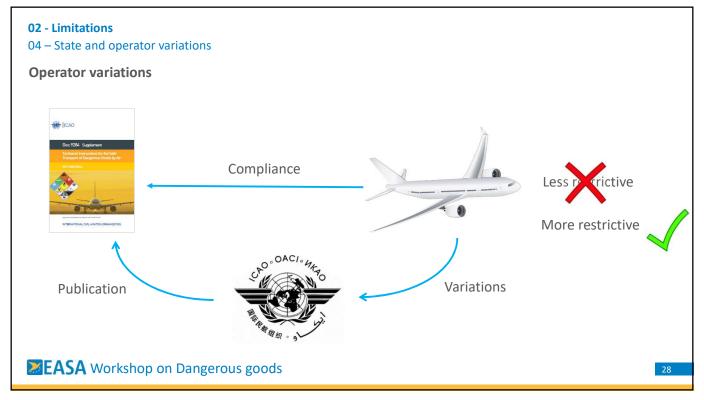
O2 - Limitations
O4 - State and operator variations

State variations

TIs Attachment 3, chapter 1

Autralia - AU Beigum - BE Brazil - BR Brazil - BR Brazil - BR Cambdo - Str. China - HK Napal - HV Peru - FE Romania - RO Brazil - RO Brazil





04 – State and operator variations

Operator variations

TIs Attachment 3, chapter 2

The operators' variations are based on data provided by the operators concerned.

They are provided for information only and should not be interpreted as having any regulatory status.

Further information should be obtained from the appropriate airline operator.

ABSA Cargo — M3
Adria Airways — JP
Aeromexico — AM
Air Bridge Cargo Airline — RU
Air Europa — UX
Air Europa Express — X5
+ Air Seychelles — HM
Air Tahiti — VT
Atlasjet Ukraine — UH
Brussels Airlines — SN
+ Canaryfly — PM
+ CargologicAir — P3
Evelop Airlines — E9
I clelandair — F1
LAN Argentina — 4M

LAN Cargo — UC
LANCO — L7
LAN Colombia — 4C
LAN Ecuador — XL
LAN Express — LU
LAN Peru — LP
MASAIR — Aerotransportes Mas de carga
SA. De CV. — M7
Qatar Airways — QR
Swiss International — LX
TAM Airlines — JJ
Transportes del Mercosul — TAM — PZ
WestJet — WS
WestJet Encore — WR

No reference to operator variations is made under the chapter headings nor in the list of dangerous goods

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