Users of the IATA Infectious Substances Shipping Guidelines are asked to note the following amendments and corrections to the 16th Edition, effective from 1 January 2021.

Where appropriate, changes or amendments to existing text have been highlighted (in yellow - PDF or grey - hardcopy) to help identify the change or amendment.

**New or Amended Operator Variations (Section 2.4.2)**

In List:

- Delete: Austral Lineas Aereas AU
- Delete: Llc GloBus GH
- Delete: Hong Kong Dragon Airlines KA
- Delete: Jetstar Pacific BL

Delete **AU (Austral Lineas Aereas)**

**AU-09** The shipper must provide a 24-hour emergency telephone number of a person/agency, who is knowledgeable of the hazards, characteristics and actions to be taken in case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words “Emergency Contact” or “24-Hour number” must be shown in the Additional Handling Information box of the DGD (see 8.1.6.11 and 10.8.3.11).

Delete **BL (Jetstar Pacific)**

**BL-01** Dangerous goods consigned as cargo are not accepted for carriage on any Jetstar Pacific aircraft.

Amend **FX (Federal Express)**

Add new:

**FX-10** Shipments containing accessible dangerous goods (ADG) and inaccessible dangerous goods (IDG) that are dropped off at staffed FedEx U.S. locations must be processed using a FedEx or third-party automation system, not paper airbills or air waybills.

**FX-18** Shipper’s Declarations for dangerous goods for all FedEx Express® dangerous goods shipments originating in the US must be prepared using software (not paper airbills or air waybills) with dangerous goods compliance edit checks and by one of the following methods:

- FedEx electronic shipping solutions (see updated information below);
- Recognized shipper proprietary software; or
- FedEx recognized dangerous goods vendor software.

**Update** – All FedEx electronic shipping solutions must be version 2016 or newer on or before January 1, 2022. This includes FedEx Server applications and FedEx Web-Services uploads. If the upload of the DG information is not using the FedEx DG Ready DG Data Upload Mode, or is not using the newest version of FedEx Café and FedEx.com by this date, then shipments will not be accepted into the FedEx Express network.

FX-18 currently does not apply to:

- Shipments originating in non-U.S. locations (including U.S. territories overseas, such as Puerto Rico);
• FedEx International Express Freight® (IXF) and FedEx International Premium® (IP1);
• Shipments containing Class 7 radioactive materials.

Note:
A list of FedEx recognized dangerous goods shipping application vendors can be reviewed at https://www.fedex.com/us/dangerous_goods (keyword).

Amend FZ (flydubai)

FZ-01 flydubai does not accept dangerous goods consignments as cargo. For dangerous goods that are excepted from the regulations, e.g. by a special provision, please contact flydubai local office or at cargo.capacity@flydubai.com.

The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in case of an accident or incident concerning (each of) the dangerous goods being transported. This telephone number, including country and area code, preceded by the words “Emergency Contact” or “24-hour number” must be inserted in the Additional Handling Information box of the Shipper's Declaration for Dangerous Goods.

Add new

FZ-02 The following dangerous goods will not be accepted for carriage on flydubai:
(a) Class 2
   – Division 2.1 – Flammable gas;
   – Division 2.2 – Non-flammable, Non-toxic gas;
   – Division 2.3 – Toxic gas.
(b) Class 4
   – Division 4.1 – Flammable solids; self-reactive substances, polymerizing substances and solid desensitized explosives;
   – Division 4.2 – Substances liable to spontaneous combustion;
   – Division 4.3 – Substances which, in contact with water, emit flammable gases.
(c) Class 5
   – Division 5.1 – Oxidizers;
   – Division 5.2 – Organic peroxides.
(d) Division 6.2 – Infectious Substances Category A (UN 2814, UN 2900).
(e) Class 7 – Category II-Yellow and Category III-Yellow (RRY).
(f) UN 2809 – Mercury.
(g) UN 3077, Environmentally hazardous substance, solid, n.o.s., in intermediate bulk containers (IBC).
(h) Airmail containing dangerous goods.

Carriage of dangerous goods in all other classes and divisions requires pre-approval from flydubai Cargo Special Help Desk
email:Cargo.SHD@flydubai.com

FZ-03 Effective 1st July 2021, all cargo shipments originated or re-exported from the United Arab Emirates are prohibited to use outer opaque shrink-wrap. This prohibition does not apply to interline cargo from another operator in the UAE for transport within the UAE, and UAE military and Ministry of Interior shipments carried on civilian aircraft.
Delete GH (Llc GloBus)

**GH-01** Shipment of dangerous goods transported by Llc GloBus flights will only be acceptable after getting advance approval of Llc GloBus. Requests for dangerous goods shipments must be sent to the following email address:

--- email: cgo@s7.ru

Request for approval must be submitted and be made according to the special form of approval (form is provided by request). Form of approval to be attached to the set of accompanying documents and forwarded on board to the crew by the handling company at the airport of departure.

**GH-03** The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in case of an accident or incident concerning (any of) the dangerous goods being transported. This telephone number, including country and area code, preceded by the words “Emergency Contact” or “24-hour number” must be inserted on the Shipper’s DGD in the “Additional Handling Information” box, e.g. “Emergency Contact +7(495)-12-45-78.”

Delete KA (Hong Kong Dragon Airlines (Cathay Dragon))

**KA-04** The shipper must provide a 24-hour emergency telephone number of a person/agency who is knowledgeable of the hazards, characteristics and actions to be taken in case of an accident or incident concerning (each of) the dangerous goods being transported. This telephone number, including country and area code, preceded by the words “Emergency Contact” or “24-hour number” must be inserted on the DGD preferably in the “Additional Handling Information” box, e.g. “Emergency Contact +47 67 50 00 00 (see 8.1.6.11 and 10.8.3.11).”

Amend KM (Air Malta)

**KM-03** Dangerous Goods are not permitted in the following:

- air mail including those items permitted by 2.4.2;
- courier shipments carried on board Air Malta flights. *Not used.*

Amend MN (Comair)

**MN-01** The following dangerous goods are prohibited for carriage on all Comair aircraft:

(a) Class 1 to Class 8; with the exception of UN 1044, UN 1072, UN 1863, UN 1956, UN 2795, UN 2911, UN 2915, UN 3356 and UN 3373;

(b) Class 9; with the exception of UN 1845, [UN 2990](#), UN 3082, UN 3091, UN 3363 and UN 3481.

Amend QR (Qatar Airways)

**QR-03** The shipper must provide a 24-hour emergency contact telephone number of a person/agency, who is knowledgeable of the hazards, characteristics and actions to be taken during an emergency in the case of an accident or incident concerning each of the dangerous goods being transported. This telephone number, including the country and area code, preceded by the words “24-hour emergency contact telephone number” or “24-hour number”, must be inserted on the DGD preferably in the “Additional Handling Information” box, e.g. “Emergency contact +974 6750 0000 (see 8.2, Item 13). “Handling Information” box of the DGD.

Amend S7 (PJSC Siberia Airlines)

**S7-01** Shipment of dangerous goods transported by Siberia Airlines flights will only be acceptable after getting advance approval of Siberia Airlines. Requests for dangerous goods shipments must be sent to the following email address:

--- email: cgo@s7.ru

Request for approval must be submitted and be made according to the special form of approval (form is provided by request). Form of approval to be attached to the set of accompanying documents and forwarded on board to the crew by the handling company at the airport of departure. Dangerous goods are only accepted
with prior approval. Requests for an approval can be submitted through the informational system of Siberia Airlines. User instructions and access to the informational system can be requested by email at cgo@s7.ru.

Amend SQ (Singapore Airlines)

SQ-09 Dangerous goods shipments from other carriers will not be accepted. Interline dangerous goods shipments will only be accepted from Scoot and Silkair.

Section 3

Page 89, amend 3.3.4 as shown:

3.3.4 Genetically Modified Micro-Organisms (GMMOs) or Genetically Modified Organisms (GMOs)

Genetically modified micro-organisms (GMMOs) and genetically modified organisms (GMOs) are micro-organisms and organisms in which genetic material has been purposely altered through genetic engineering in a way that does not occur naturally.

Genetically modified organisms and micro-organisms which do not meet the definition of toxic or infectious substances must be assigned to UN 3245.

GMMOs or GMOs are not subject to these Regulations when authorised for use by the appropriate national authorities of the States of origin, transit and destination.

Genetically modified live animals must be transported under terms and conditions of the appropriate national authorities of the States of origin and destination.

COVID-19 vaccines containing GMOs or GMMOs, including those in clinical trials, are not subject to these Regulations.

Page 92, amend 3.4 as shown:

3.4 CLASSIFICATION SCENARIOS

The following scenarios and the flowchart shown in Figure 3.4.A are provided as guidance on the correct classification.

…

4. Culture Specimen of BOVINE TUBERCULOSIS.

   Appropriate classification: Biological substance, category B, UN 3373

…

Appendix C.1

Page 203, amend contact details for Germany (D) as follows:

Germany (D)

Head Dangerous Goods Group
Dangerous Goods Group
Luftfahrt-Bundesamt
Aussenstelle Frankfurt
Sachgebiet Gefahrgut
Kelsterbacherstr. 23
65479 Raunheim
GERMANY

Tel: +49 531 2355 3302
Fax: +49 531 2355 3398
Email: Hermann.brockhaus@lba.de
Email: bernhardhermannjosef@web.de
Page 232, amend contact details for United States (USA) as follows:

United States (USA)

Enforcement branch:

For Operator Compliance and Enforcement
Director, Hazardous Materials Safety Program
Office of Hazardous Materials Safety
Federal Aviation Administration (FAA)
FAA Headquarters (FOB10A)
ADG-1, 800 Independence Ave.
SW, Washington
DC 20591
U.S.A.

Tel: +1 (202) 267-94321
Fax: +1 (202) 267-9450
Email: janet.mcluaghlin@faa.gov
Website: www.faa.gov/about/office_org/headquarters_offices/ash/ash_programs/hazmat

Office of Hazardous Materials Safety
Federal Aviation Administration (FAA)
470 L'Enfant Plaza East SW
8th Floor
Washington, DC 20024
U.S.A.

Email: hazmatinfo@faa.gov
Website: www.faa.gov/hazmat

Appendix F.1

Page 254, amend the contact details for the following Accredited Training School in Belgium:

Belgium

Swissport Cargo Service Belgium N.V.
Brussels Airport Building 32 PB 3
1930 Zaventem
BELGIUM
B-1934

Tel: +32 2 788 3205
Email: bru_qhtraining@swissport.com
Website: www.swissport.com

Swissport Cargo Services Belgium NV
BRUCARGO Building 704 Box3
B-1830 Bedrijvenzone Machelen
BELGIUM

Tel: +32 478 54 1787
Page 261, add the following Accredited Training School for India:

**India**

**International Aviation Training Center**  
Off. 4, Building No. 84, Kurla Navchaitanya Chs Nehru  
Nagar Kurla East  
Mumbai 400024  
INDIA

Tel: +91 85 5209 5393  
Email: vksharma@iatc.co.in  
Website: www.iatc.co.in