

Introduction

Following the several extensive corrigenda published by ICAO and IATA, the following changes must be made to the A.I.R. Shipper. These amendments reflect the respective corrigenda published as of 25 January 2011. Electronic copies of this corrigendum can be downloaded from www.labelmaster.com.

This edition of the A.I.R. Shipper addendum includes the items (airline variations) previously communicated. New items are identified by the revision number "2". For further information, email: aireditor@labelmaster.com.

Chapter 2

Section	Amendment	Rev
2.9.2.1	Amend as follows: ... meet the criteria in 2.9.3 of the <i>UN Model Regulations, 15th Edition</i> or...	2

Chapter 3 - Identification
Table 3.1

Page	Amendment	Rev
55	UN 2067, Ammonium nitrate fertilizer column 7(a): replace Forbidden with <u>30 g</u> column 7(b): insert <u>1.0 kg</u>	2
57	Entry following UN 1113, Amyl nitrite tert-Amyl peroxy-3,5,5-trimethylhexanoate ($\leq 42\%$, dilute diluent type B $\leq 58\%$)	2
60	UN 3334, Aviation regulated liquid, n.o.s and UN 333 5, Aviation regulated solid, n.o.s. column 5: add <u>III</u> column 6: delete A48	2
66	UN 3241, 2-Bromo-2-nitropropane-1,3 diol column 8(b): replace 5 kg with <u>10 kg</u>	2
74	UN 0059, Charges, shaped without detonator column 6: add <u>A2</u>	2
79	ID 8000, Consumer commodity column 8(a): replace Forbidden with <u>Y963</u> column 8(b): replace Forbidden with <u>30 kgG</u>	2
80	UN 0065, Cord, detonating flexible column 6: add <u>A2</u>	2
84	UN 3054, Cyclohexyl mercaptan column 10(a) -- replace 365 with <u>366</u> column 10(b) -- replace 60 L with <u>220 L</u>	2
96	6 th entry following UN 1771, Dodecyltrichlorosilane Drugs, oxidizing, substance, n.o.s - see Oxidizing <u>Oxidizing liquid or solid n.o.s.</u>	2
100	UN 2363, Ethyl mercaptan column 10(b): replace 2.5 L with <u>30 L</u>	2
104	Entry following UN 1198, Formaldehyde solution, flammable Formaldehyde <u>Formaldehyde</u> solution with $\geq 10\%$ and $< 25\%$ formaldehyde <u>formaldehyde</u> - see Aviation regulated liquid, n.o.s. (UN3334) [XB.3] [<u>XB.17</u>]	2
114	UN 1968, Insecticide gas, n.o.s. (cylinders) column 8(a): replace Y203 with <u>Forbidden</u> column 8(b): replace 30 kgG with <u>Forbidden</u>	2
118	Liquefied gas, toxic etc. entries (UN 3161, 3157, 3162, 3308, 3160, 3309, 3307, 3310) column 11: replace *1/2/3/4 with <u>*11/2/3/4</u>	2
120	2nd entry following UN 2215 Malonic anhydride, molten delete cross-reference entry -- Malonic ethyl ester nitrile -- ethyl cyanoacetate	2
121	UN 3249, Medicine, solid, toxic, n.o.s. , PG III column 8(b): replace 5 kg with <u>10 kg</u>	2

Page	Amendment	Rev
121	UN 1228, Mercaptan mixture, liquid, flammable, toxic, n.o.s. and Mercaptans, liquid flammable, toxic, n.o.s. PG II column 10(a): replace 374 with <u>373</u>	2
124	UN 3208, Metallic substance, water reactive, n.o.s. PG III column 8(a): replace Y476 with <u>Y477</u> column 8(b): replace 5 kg with <u>10 kg</u>	2
125	UN 2398, Methy tert-butyl ether replace Methy with <u>Methyl</u>	2
127	UN 2437, Methylphenyldicholorosilane column 7(a): replace 30 mL with <u>Forbidden</u> column 7(b): replace 0.5 L with <u>Forbidden</u>	2
142	UN 3494, Petroleum sour crude oil, flammable, toxic PG I column 10(a): replace 360 with <u>361</u> column 10(b): replace 2.5 L with <u>30 L</u> PG II column 10(a): replace 363 with <u>364</u> column 10(b): replace 5 L with <u>60 L</u> PG III column 10(a): replace 365 with <u>366</u> column 10(b): replace 60 L with <u>220 L</u>	2
149	UN 2402, Propanethiols column 9(b): replace 4 L with <u>5 L</u> column 10(b) replace 5 L with <u>60 L</u>	2
152	UN 3323, Radioactive material, Type C package non fissile or fissile-excepted column 6: replace A7 with <u>A78</u>	2
152	UN 3330, Radioactive material, Type C package, fissile column 6: replace A7 with <u>A76</u>	2
172	UN 0219, Trinitroresorcino dry or wetted with > 20% water, or mixture of alcohol and water, by mass replace Trinitroresorcino with <u>Trinonitroresorcinol</u>	2

Table 3.1

Section	Amendment	Rev
A168	Change A168 to A167 A168 is "not used".	2

Chapter 4

Section	Amendment	Rev
4.2.1.2	Amend last bullet as follows: Class 9 -- UN 1941, Dibromodifluoromethane; UN 1990, Benzaldehyde; UN 2071, Ammonium nitrate fertilizers; UN 3077, Environmentally hazardous substance, solid, n.o.s.; UN 3082, Environmentally hazardous substance, liquid, n.o.s.; UN 3316, Chemical or First aid kit; <u>UN 3334, Aviation regulated liquid, n.o.s.; UN 3335, Aviation regulated solid, n.o.s.; ID 8000, Consumer commodity.</u>	2

Packing Instructions

Note 1: Users should take specific note of the new requirements of sub-section 4.4.1.2 in section 4.4, Specific Requirements for Packagings intended for Liquids. In order to highlight these requirements, in those packing instructions referencing “4.3.3.1”, this should be amended to read “4.3.3.1 and 4.4.1.2”.

Note 2: The packing instruction and UN numbers in the margin of individual packing instructions are intended as a guide only. Users should add any missing UN numbers as required.

Pack. Inst	Amendment	Rev
114	Change as follows: replace UN 0448 with <u>UN 0048, Powder, smokeless, UN 0509</u>	2
114	Dry solid, inner packaging table: delete column headed Woven add check-mark to “Bags, plastic, woven siftproof”	2
202	Sub-paragraph (h): amend as follows: h) Open cryogenic cylinders <u>manufactured after 1 January 2012</u> must bear the following marks...	2
370	Permitted outer packagings table: delete Plywood drum 4D	2
Y370	Permitted outer packagings table: delete Plywood drum 4D	2
373	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u> Permitted outer packagings table: delete ⊕ Wood, Reconstituted drums	2
Y374	Additional Requirements delete “Packagings must meet packing group II performance requirements.”	2
377	Change as follows: General: replace statement with: <u>The requirements of sections 4.3 and 4.4 must be met.</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u> Delete the “Additional requirements” Single packagings -- delete row “Boxes”	2
454	Additional Requirements replace second bullet and add a third bullet as follows: <ul style="list-style-type: none"> ○ <u>A maximum of 600 m of film is permitted in Fibre drums (1G).</u> ○ <u>Each reel must be placed in a tightly closed metal can or strong cardboard or fibreboard inner packaging with cover held in place by adhesive tape or paper.</u> 	2
459	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u>	2
462-463	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u>	2
464-465	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u>	2
492	Maximum Quantity/Package -- amend as follows: Cells Passenger replace 25 kg with <u>25 kg Gross</u> Cargo replace 25 kg with <u>No Limit</u>	2
493	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u>	2

Pack. Inst	Amendment	Rev
494	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u>	2
550-551	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.1.4 with <u>4.3.3.1 and 4.4.1.2</u>	2
553-555	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.1.4 with <u>4.3.3.1 and 4.4.1.2</u>	2
565	Additional Requirements replace third bullet with: When a generator is equipped with an actuating device, it must have at least 2 positive means of preventing unintentional activation. These must be: <ul style="list-style-type: none"> a. in the case of mechanically actuated devices: <ul style="list-style-type: none"> 1. two pins, installed so that each is independently capable of preventing the actuator from striking the primer; 2. one pin and one retaining ring, each installed so that each is independently capable of preventing the actuator from striking the primer; or 3. a cover securely installed over the primer and a pin installed so as to prevent the actuator from striking the primer and cover. b. in the case of electrically actuated devices, the electrical leads must be mechanically shorted and the mechanical short must be shielded in metal foil. c. in the case of protective breathing equipment (PBE): <ul style="list-style-type: none"> 1. a pin so as to prevent the actuator from striking the primer; and 2. placed in protective packaging such as a vacuum-sealed bag. 	2
570	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.1.4 with <u>4.3.3.1 and 4.4.1.2</u>	2
Y640-Y642	Change as follows: General: replace sections 4.2 and 4.3 with <u>sections 4.2, 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u>	2
959	Page 378, 1st paragraph: Amend as: "and must be clearly visible and legible. <u>The class 9, miscellaneous dangerous goods label is not required</u> ".	2
Y963	Amend (m) as follows: ...with the mark shown in Figure 4.1 <u>Figure 4.2</u> .	2
964	Change as follows: General: replace section 4.3 with <u>sections 4.3 and 4.4</u> Closures: replace 4.3.3.1 with <u>4.3.3.1 and 4.4.1.2</u>	2
Y964	Add to Margin note "3334 Add the following column to Permitted Inner Packagings UN 3334; Glass 5 L; Plastic 5 L; Metal 5 L Under 3334, add to Maximum Quantity/Package Combination 30 kg; Single Forbidden; Gross 30 kg	2
968 to 970	Amend the title of 2 tables Maximum Quantity of Lithium Ion Metal Cells and Batteries Section I Maximum quantity of lithium ion cells and batteries, per package, Cargo: Delete 2.5 kgG with <u>35 kgG</u>	2

Chapter 5 - Consignment Procedures

Section	Amendment	Rev
5.3.2.9	Add new sub-section as follows: 5.3.2.9 The class 9, miscellaneous dangerous goods label is not required for UN 3245, Genetically modified organisms and micro-organisms. Refer to packing instruction 959 for marking requirements.	2
5.3.5.1(a)	Add the following: In the case where transport on cargo aircraft only is required by state variation, and the package is otherwise permitted on passenger aircraft, the cargo aircraft only label must be removed prior to loading on passenger aircraft not subject to the State of the variation.	2
5.4.2.6(c)	Add margin note: Note: This is achieved by marking the appropriate box on the DGD form. See A.2.3.1.1.	2
5.4.2.6	Add new sub-paragraph (k): k) In the case where transport on cargo aircraft only is required by State variation, IATA member airlines recommend that the following statement be included as additional handling information: "This shipment may be carried on passenger aircraft outside the jurisdiction of "STATE", where "STATE" is the name of the state whose variation requires cargo aircraft transport".	2

Chapter 6 - Packaging

Section	Amendment	Rev
Table 6.2	Replace IP:8 with <u>6.4.8</u>	2
6.6.2.1.5	The subsection following 6.6.2.1.5: replace sub-section number 6.6.2.1.3 with <u>6.6.2.1.6</u>	2

Chapter 7 - Transport Operations

Section	Amendment	Rev
7.5.1.1	Replace with: Airlines must ensure that information on the types of dangerous goods a passenger is forbidden from transporting on aircraft is provided at the point of ticket purchase. In the case where tickets are purchase over the internet, the purchase must not be completed until the passenger or a person acting their behalf has indicated that they have understood the restrictions on dangerous goods in baggage. Information provided via the internet may be in text or pictorial form.	2
7.5.1.3	Replace with: Airlines operating passenger aircraft should ensure that information on those dangerous goods which passengers are permitted to carry according to section 7.6 is made available prior to check-in. (e.g. on websites and other sources of information.	2
7.5.1.4	Renumber 7.5.1.4 to 7.5.1.5.	2
7.5.1.4	Insert new 7.5.1.4: When provision is made for passengers to check-in without the involvement of another person (over the internet, automated check-in facilities etc), airlines and airport operators should ensure that information on the types of dangerous goods a passenger is forbidden from transporting on aircraft is provided to the passenger. Check-in must not be completed until the passenger or person acting on their behalf, has indicated they have understood the restrictions of dangerous goods in baggage. Information should be in a pictorial format or alternatively, in the case of the internet, in text format. This requirement will become mandatory from 1 January 2013.	2



Section	Amendment	Rev
Table 7.4	Table 7.4 - Summary of Passenger Restrictions was moved to the end material to facilitate ready reference but due to a printing error was not included. The revised table is shown on the following page.	2

Table 7.4: Summary of Passenger Restrictions [section 7.6]

	Carry-On	Baggage	Passenger Approval	Pilot Approval	Reference
Aerosols Non-toxic, non-flammable, for sporting or home use. Must have cap in securely in place to prevent release of the contents during transport.	☒	☒	☒	☒	7.6.5.1
Alcoholic Beverages In retail packaging not more than 70% alcohol (ethanol), in receptacles not exceeding 5 L. Maximum quantity per passenger is 5 L. Less than 24% alcohol is not restricted.	✓	✓	☒	☒	7.6.5.2
Ammunition UN0012 and UN0014 only. 5 kg gross per passenger for their use. Passengers and crew are their own agents. Ammunition with explosive/incendiary projectiles are excluded.	☒	✓	☒	☒	7.6.2.1
Avalanche Rescue Backpack One per passenger with a pyrotechnic trigger mechanism containing 200 mg net dry IAS and less than 250 mL of division 2.2 gas, packed so that it cannot be accidentally activated. Air bags must have a pressure relief device.	✓	✓	☒	☒	7.6.4.4
Camping stoves Camp stoves and fuel containers that have contained flammable liquid fuel may be carried after the fuel container has been completely drained of fuel and action taken to nullify any hazard.	☒	✓	☒	☒	7.6.2.3
Carbon dioxide, solid Not more than 2.5 kg per passenger when used to pack perishables. The package must permit the release of carbon dioxide gas. Dry ice in checked baggage requires airline approval and must be marked "Dry ice" or "Carbon dioxide, solid" and the net weight of dry ice or a statement that there is 2.5 kg or less.	✓	✓	☒	☒	7.6.5.4
Chemical Agent Monitoring Devices when carried by staff members of the Organization for the Prevention of Chemical Weapons (OPCW) on official travel.	✓	✓	☒	☒	7.6.4.5
Cigarette lighters Cigarette lighter that does not contain unabsorbed liquid fuel other than liquefied gas, intended for use by an individual. Lighter fuel and refills are not permitted. Note: Security restrictions may further prohibit these articles.	☒	☒	☒	☒	7.6.5.9
Electronic devices Watches, computers, cameras, cellular phones, camcorders, etc. containing lithium or lithium batteries when carried by passengers and crew for personal use.	✓	✓	☒	☒	7.6.5.5 7.6.5.7
Disabling devices Personal protection devices such as "mace", pepper spray, lasers are prohibited.	☒	☒	☒	☒	7.6.1.3
Dry Ice See Carbon dioxide, solid.	✓	✓	☒	☒	7.6.5.7
Fuel cell systems Fuel cell systems and spare fuel cartridges powering portable devices including laptops, cameras, etc.	✓	✓	☒	☒	7.6.5.6
Fuel containers See Camping Stoves	✓	✓	☒	☒	7.6.5.6
Gas cylinders Division 2.2 gases in cylinders worn for the operation of mechanical limbs. Spare cylinders of a similar size if required to ensure an adequate supply for the duration of the journey.	✓	✓	☒	☒	7.6.5.6
Hair curlers	✓	✓	☒	☒	7.6.5.8
Heat producing articles	✓	✓	☒	☒	7.6.4.6
Implants	☒	☒	☒	☒	7.6.5.3
Life Jackets	✓	✓	☒	☒	7.6.4.2
Light Bulbs (Energy saving)	✓	✓	☒	☒	7.6.5.12
Medical Electronic Devices	✓	✓	☒	☒	7.6.3.3
Mercury instruments	✓	✓	☒	☒	7.6.3.1
Oxygen/Air cylinders	✓	✓	☒	☒	7.6.4.1
Safety matches	☒	☒	☒	☒	7.6.5.9
Security type equipment	☒	✓	☒	☒	7.6.4.7
Temperature controlled packages	✓	✓	☒	☒	7.6.4.3
Thermometer	✓	✓	☒	☒	7.6.5.11
Toiletry articles	✓	✓	☒	☒	7.6.5.10
Wheelchairs/Mobility aids	☒	✓	☒	☒	7.6.2.2

Key

Carry-on: Baggage which the passenger takes personally on board the aircraft and which is loaded in the passenger cabin.
 Baggage: Baggage which the passenger has given to the airline at check-in to be carried in the baggage hold of the aircraft.

Passenger Approval: Articles which the passenger carries on their person.
 Pilot Approval: Items which require that the pilot be notified prior to departure.

☒ Not permitted
 ✓ Permitted / Required

Chapter RAM - Radioactive Material

Section	Amendment	Rev
2.7.7.1.5	Delete, renumber subsequent sub-sections accordingly.	2

Appendix A.1 Variations
State Variations

Variation	Amendment	Rev
SAU.3	Amend as follows: ... must be written in full on the air waybill as well as on the package of accompanying dangerous goods being shipped...	2
SAU.5	Add new variation: The final destination for radioactive material must be Jeddah, Riyadh or Damman only, except those intended for medical purposes which may be shipped anywhere in Saudi Arabia as long as this intent is indicated on the transport document.	2
SAU.6	Add new variation: The name, address and telephone number of the consignee must be written in full on each package of dangerous goods consigned to a destination in Saudi Arabia.	2

Airline Variations

Variation	Amendment	Rev
9S.1	Delete variation and replace with not used.	2
AA.1	Add new 3 rd bullet point: <ul style="list-style-type: none"> • <u>Infectious substances (Division 6.2)</u> 	2
AB.1	Add new Airline with the following variation: <u>AB (Air Berlin) Germany</u> <u>AB.1 The following dangerous goods will not be accepted:</u> <ul style="list-style-type: none"> • <u>Class 7 (including fissile material and excepted packages);</u> • <u>Packages prepared for "Cargo aircraft only".</u> 	2
FX.5	Amend sub-paragraph (c): In addition, consignments of section II compliant lithium batteries on FedEx Express white or brown boxes and tubes.	2
MS.6	Delete sub-paragraph (b)	2
OU.1	Amend 2 nd bullet: <ul style="list-style-type: none"> • <u>Limited quantities, except ID 8000. Consumer commodities</u> 	2
OU.8	Replace with: <u>Biological substances, Category B, UN 3373, will only be accepted from customers approved by Croatia Airlines.</u>	2
SV.6	Add new variation: <u>A 24-hour emergency telephone number must be include on the transport document e.g. in the additional handling information box of the shipper's declaration. The following format should be used "Emergency contact +1 (555) ### ####".</u>	2
SV.9	Add new paragraph: <u>Battery-powered wheelchairs and mobility aids with spillable batteries will not be accepted as checked baggage.</u>	2
XB.17	Replace "15%" with "25%" Delete Aviation regulated material , liquid replace with <u>Aviation regulated liquid, n.o.s.</u>	2