

# International Maritime Dangerous Goods (IMDG) Code, 2022 Edition Amendment 41-22

## Errata and corrigenda December 2023

The following are corrections to the English version of the IMDG Code (Amendment 41-22, as adopted by resolution MSC.501(105)).

### Volume 1

#### Contents

#### **Part 2** CLASSIFICATION

##### **Chapter 2.0** Introduction

2.0.6 Classification of articles as articles containing dangerous goods N.O.S.

*In the title, insert “,” after the words “containing dangerous goods”.*

#### **Part 5** CONSIGNMENT PROCEDURES

##### **Chapter 5.4** Documentation

*Insert a new entry for 5.5.4 as follows:*

“5.5.4 Dangerous goods in equipment in use or intended for use during transport”

#### Preamble

*In paragraph 10, replace the last sentence to read:*

“However, in accordance with resolution MSC.501(105), Governments may apply this amendment in whole or in part on a voluntary basis from 1 January 2023.”

### **PART 1 – GENERAL PROVISIONS, DEFINITIONS AND TRAINING**

#### **Chapter 1.2** *Definitions, units of measurement and abbreviations*

##### **1.2.1** Definitions

*In the definition for “Liquids”, in the last sentence, before the word “Agreement”, delete the word “European”.*

## PART 2 – CLASSIFICATION

### Chapter 2.0 *Introduction*

#### 2.0.6 **Classification of articles as articles containing dangerous goods N.O.S.**

*In the title, insert “,” after the words “containing dangerous goods”.*

## PART 4 – PACKING AND TANK PROVISIONS

### Chapter 4.1 *Use of packagings, including intermediate bulk containers (IBCs) and large packagings*

#### 4.1.3 **General provisions concerning packing instructions**

4.1.3.3 *In the last sentence, replace the words “these packages are not subject” by the words “these packagings are not subject”.*

#### 4.1.4 **List of packing instructions**

##### 4.1.4.3 **Packing instructions concerning the use of large packagings**

LP99 *In the first sentence, replace the word “packagings” by the words “large packagings”.*

LP101 *In the first sentence, replace the words “following packagings” by the words “following large packagings”.*

LP102 *In the first sentence, replace the words “following packagings” by the words “following large packagings”.*

LP622 *In the second sentence, replace the words “following packagings” by the words “following large packagings”.*

LP902 *In the second sentence, replace the words “following packagings” by the words “following large packagings”.*

#### 4.1.6 **Special packing provisions for goods of class 2**

##### 4.1.6.1 **General provisions**

4.1.6.1.6 *In the first and second sentences, replace the words “pressure rating” by the words “design pressure”.*

## PART 5 – CONSIGNMENT PROCEDURES

### Chapter 5.4 *Documentation*

#### 5.4.1 **Dangerous goods transport information**

##### 5.4.1.5 **Information required in addition to the dangerous goods description**

###### 5.4.1.5.6 *Infectious substances*

*Replace the word “his” by the word “their”.*

**PART 6 – CONSTRUCTION AND TESTING OF PACKAGINGS,  
INTERMEDIATE BULK CONTAINERS (IBCs), LARGE PACKAGINGS,  
PORTABLE TANKS, MULTIPLE-ELEMENT GAS CONTAINERS (MEGCs)  
AND ROAD TANK VEHICLES**

**Chapter 6.2** *Provisions for the construction and testing of pressure receptacles, aerosol dispensers, small receptacles containing gas (gas cartridges) and fuel cell cartridges containing liquefied flammable gas*

**6.2.1 General provisions**

**6.2.1.5 Initial inspection and test**

*In 6.2.1.5.2.4, replace the words “design standard or code” by the words “design standard or recognized technical code”.*

*In 6.2.1.5.2.5, replace the words “design and construction standard or code” by the words “design and construction standard or recognized technical code”.*

*In 6.2.1.5.2.6, replace the words “design and construction technical standard or technical code” by the words “design and construction technical standard or recognized technical code”.*

*In 6.2.1.5.2.16, replace the words “design standard or code” by the words “design standard or recognized technical code”.*

*After 6.2.1.5.2.16, replace the words “cryogenic pressure receptacles” by the words “cryogenic receptacles”.*

**6.2.1.6 Periodic inspection and test**

*In 6.2.1.6.1.4, Note 4, replace the word “manifold” by the word “manifolds”.*

**Chapter 6.5** *Provisions for the construction and testing of intermediate bulk containers (IBCs)*

**6.5.6 Test provisions for IBCs**

**6.5.6.3 Preparation of IBC for testing**

*6.5.6.3.2 Replace “6.5.5.4.9” by “6.5.5.4.8”.*

**Chapter 6.8** *Provisions for road tank vehicles and road gas elements vehicles*

**6.8.1 General**

**6.8.1.1 Tank elements support frameworks, fitting and tie-down attachments**

*Replace the footnote text to read as follows:*

*“See also resolution MSC.479(102) of 11 November 2020, Revised guidelines for securing arrangements for the transport of road vehicles on ro-ro ships.”*

**Chapter 6.10** *Provisions for the design, construction, inspection and testing of portable tanks with shells made of fibre-reinforced plastics (FRP) materials*

**6.10.2 Provisions for the design, construction, inspection and testing of FRP portable tanks**

**6.10.2.1 Definitions**

*In the definition for “Filament winding”, second sentence, replace the word “heads” by the words “ends (heads)”.*

*In the definition for “FRP tank”, replace the words “shell and heads” by the words “shell and ends (heads)”.*

## **6.10.2.2 General design and construction provisions**

### **6.10.2.2.3 FRP Shells**

6.10.2.2.3.1 *In the second sentence, replace the words “attachments to the frame shell” by the words “attachments to the frame”.*

6.10.2.2.3.5 *At the end of the first sentence, replace the words “internal liner” by the word “liner”.*

#### **6.10.2.2.3.11 Reinforcement material**

*In the second paragraph, first sentence, replace the words “internal surface liner” by the word “liner”.*

*In the second paragraph, second sentence, replace the words “internal liner” by the word “liner”.*

#### **6.10.2.2.3.14 Special provisions for the carriage of substances with a flashpoint of not more than 60°C**

6.10.2.2.3.14.1 *Delete the words “of class 3”.*

6.10.2.2.3.14.4 *Replace the words “and to the vehicle” by the words “and, when applicable, to the vehicle”.*

## **6.10.2.3 Design criteria**

*In the second paragraph, first sentence, replace the words “to verify that the plies” by the words “to verify that the stresses in the plies”.*

## **6.10.2.7 Additional provisions applicable to FRP portable tanks**

### **6.10.2.7.1 Material testing**

#### **6.10.2.7.1.2 Shell**

*Replace the heading to read “Shell samples”.*

*In 6.10.2.7.1.2.8.1, after the words “direct measurement”, insert the word “of”.*

*In 6.10.2.7.1.2.8.2, after the words “thermoplastic resin”, insert the word “characteristics”.*

*In 6.10.2.7.1.3.1, first sentence, replace the words “internal liners” by the word “liners”.*

# **PART 7 – PROVISIONS CONCERNING TRANSPORT OPERATIONS**

## **Chapter 7.1 General stowage provisions**

### **7.1.1 Introduction**

*Replace the words “container ships” by the word “containerships”.*

*Replace the words “barge carrying ships” by the words “barge-carrying ships”.*

## **Chapter 7.4 Stowage and segregation on containerships**

### **7.4.1 Introduction**

*In 7.4.1.1, replace the words “container ships” by the word “containerships”.*

## **Chapter 7.8 Special requirements in the event of an incident and fire precautions involving dangerous goods**

### **7.8.4 Special provisions for incidents involving radioactive material**

7.8.4.1 *In the last sentence, replace the word “persons” by the word “people”.*

7.8.4.3 *In the first sentence, replace the word “persons” by the word “people”.*

## Chapter 7.9 Exemptions, approvals and certificates

### 7.9.3 Contact information for the main designated national competent authorities

Add the following contact information:

#### **NETHERLANDS**

Ministry of Infrastructure and the Environment  
P.O. Box 20901  
2500 EX The Hague  
The Netherlands  
Telephone: +31 456 0000  
Email: dangerousgoods@minienm.nl

*For competent authority approvals under the IMDG Code:*

Ministry of Infrastructure and the Environment  
Human Environment and Transport Inspectorate

P.O. Box 90653  
2509 LR The Hague  
The Netherlands  
Telephone: +31 88 489 00 00  
Telefax: +31 70 456 2413  
Email: [www.ivw.nl/english/contact](http://www.ivw.nl/english/contact)

#### **NETHERLANDS ANTILLES**

Directorate of Shipping & Maritime Affairs  
Seru Mahuma z/n  
Curaçao  
Netherlands Antilles (Netherlands)  
Telephone: +599(9) 839 3700  
Telefax: +599(9) 868 9964  
Email: via [sina@onenet.an](mailto:sina@onenet.an)  
[experise@dsmz.org](mailto:experise@dsmz.org)  
[management@dsmz.org](mailto:management@dsmz.org)

#### **NEW ZEALAND**

Maritime New Zealand  
Level 10  
1 Grey Street  
Wellington  
New Zealand  
PO Box 25620  
Wellington 6146  
New Zealand  
Telephone: +64 4 473 0111  
Telefax: +64 4 494 1263  
Email: [enquiries@maritimenz.govt.nz](mailto:enquiries@maritimenz.govt.nz)  
Website: [www.maritimenz.govt.nz](http://www.maritimenz.govt.nz)

*The authorized organizations which have delegated authority from the Director of Maritime New Zealand for the approval, inspection and testing of all portable tanks, tank containers and freight containers are:*

American Bureau of Shipping  
Bureau Veritas  
Det Norske Veritas  
Germanischer Lloyd  
Lloyd's Register of Shipping

**NIGERIA**

Nigerian Maritime Administration and Safety Agency (NIMASA)

Marine House

4 Burma Road

Apapa

P.M.B. 12861, GPO, Marina Lagos

Nigeria

Telephone: +234 587 2214 / 580 4800/9

Telefax: +234 587 1329

Telex: 23891, NAMARING

Website: [www.nimasa.gov.ng](http://www.nimasa.gov.ng)

# Volume 2

## PART 3 – DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND EXCEPTIONS

### Chapter 3.3 *Special provisions applicable to certain substances, materials or articles*

#### Special provision 237

SP237 *In the second paragraph, replace “33.2.1” by “33.2”.*

#### Special provision 277

SP277 *Replace the existing text of special provision 277 with the following:*

“For aerosols or receptacles containing toxic substances, the limited quantity value for the purposes of exemptions in chapter 3.4 is 120 mL. For all other aerosols or receptacles, the limited quantity value is 1,000 mL.”

## INDEX

*Add the following new entries in alphabetical order:*

Substance, material or article	MP	Class	UN. No.
Acetyl acetone peroxide (concentration $\leq$ 35%, with diluent Type A), <i>see</i>		5.2	3107
<i>tert</i> -Butyl hydroperoxide (concentration $\leq$ 56%, with diluent Type B), <i>see</i>		5.2	3109
<i>tert</i> -Butylperoxy isopropylcarbonate (concentration $\leq$ 62%, with diluent Type B), <i>see</i>		5.2	3105
<i>tert</i> -Hexyl peroxy-pivalate (concentration $\leq$ 52%, as a stable dispersion in water), <i>see</i>		5.2	3117
(7-Methoxy-5-methyl-benzothiophen-2-yl) boronic acid (concentration 88 to 100%), <i>see</i>		4.1	3230

