

## Föreskrifter om ändring i Transportstyrelsens föreskrifter och allmänna råd (TSFS 2021:89) om fartyg som transporterar kondenserade gaser i bulk (IGC-koden);

TSFS 2024:35

Utkom från trycket  
den 31 maj 2024

SJÖFART

beslutade den 15 maj 2024.

Transportstyrelsen föreskriver med stöd av 2 kap. 1 § fartygssäkerhetsförordningen (2003:438) att 1 och 3 §§ samt bilaga 2 till styrelsens föreskrifter och allmänna råd (TSFS 2021:89) om fartyg som transporterar kondenserade gaser i bulk (IGC-koden) ska ha följande lydelse.

1 § Som Transportstyrelsens föreskrifter ska gälla den internationella koden för konstruktion och utrustning av fartyg som transporterar kondenserade gaser i bulk (the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC-koden)), som antogs av den internationella sjöfartsorganisationen (IMO) den 17 juni 1983 genom resolution MSC.5(48)<sup>1</sup>, i lydelsen enligt resolution MSC.492(104)<sup>2</sup>.

Den engelska, franska, spanska och arabiska texten av IGC-koden ska ha samma giltighet.<sup>3</sup> Kodens engelska text med ändringar antagna till och med resolution MSC.492(104) finns i bilaga 1 och 2.

### *Allmänna råd*

*Fartyg som transporterar kondenserad koldioxid i bulk bör tillämpa koden i enlighet med IMO-cirkulär MSC.1/Circ.1213<sup>4</sup>.*

<sup>1</sup> MSC.5(48), Adoption of the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>2</sup> MSC.492(104), Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>3</sup> Texterna på franska, spanska och arabiska finns tillgängliga hos IMO.

<sup>4</sup> MSC.1/Cm.1213, Interpretation and application of the IGC Code for ships carrying liquefied carbon dioxide in bulk.

3 § Gastankfartyg byggda den 1 juli 2016 eller senare ska, vid transport av kondenserade gaser i bulk inom Sveriges sjöterritorium, uppfylla IGC-koden i lydelsen enligt resolution MSC.370(93)<sup>5</sup> efter ändringar antagna genom resolutionerna MSC.93/22/Add.1/Corr.3<sup>6</sup>, MSC.93/22/Add.1/Corr.5<sup>7</sup>, MSC.411(97)<sup>8</sup>, MSC.441(99)<sup>9</sup>, MSC.476(102)<sup>10</sup> och MSC.492(104)<sup>11</sup>. Resolutionerna finns i bilaga 2. Svenska gastankfartyg ska uppfylla kraven också vid transport utanför sjöterritoriet.

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Denna författning träder i kraft den 1 juli 2024.

På Transportstyrelsens vägnar

JONAS BJELFVENSTAM

Helena Ragnarsson  
(Sjö- och luftfart)

<sup>5</sup> MSC.370(93), Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>6</sup> MSC.93/22/Add.1/Corr.3, Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>7</sup> MSC.93/22/Add.1/Corr.5, Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>8</sup> MSC.411(97), Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>9</sup> MSC.441(99), Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>10</sup> MSC.476(102), Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

<sup>11</sup> MSC.492(104), Amendments to the international code for the construction and equipment of ships carrying liquefied gases in bulk (IGC Code).

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**RESOLUTION MSC.441(99)****(adopted on 24 May 2018)****AMENDMENTS TO THE INTERNATIONAL CODE FOR THE CONSTRUCTION AND EQUIPMENT OF SHIPS CARRYING LIQUEFIED GASES IN BULK (IGC CODE)**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

NOTING resolution MSC.5(48), by which it adopted the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk ("the IGC Code"), which has become mandatory under chapter VII of the International Convention for the Safety of Life at Sea (SOLAS), 1974 ("the Convention"),

NOTING ALSO article VIII(b) and regulation VII/11.1 of the Convention concerning the procedure for amending the IGC Code,

HAVING CONSIDERED, at its ninety-ninth session, amendments to the IGC Code, proposed and circulated in accordance with article VIII(b)(i) of the Convention,

1 ADOPTS, in accordance with article VIII(b)(iv) of the Convention, amendments to the IGC Code, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that said amendments shall be deemed to have been accepted on 1 July 2019, unless, prior to that date, more than one third of the Contracting Governments to the Convention or Contracting Governments, the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet, have notified the Secretary-General of their objections to the amendments;

3 INVITES Contracting Governments to note that, in accordance with article VIII(b)(vii)(2) of the Convention, the amendments shall enter into force on 1 January 2020 upon its acceptance in accordance with paragraph 2 above;

4 REQUESTS the Secretary-General, for the purpose of article VIII(b)(v) of the Convention, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Contracting Governments to the Convention;

5 REQUESTS ALSO the Secretary-General to transmit copies of this resolution and its annex to Members of the Organization, which are not Contracting Governments to the Convention.

**ANNEX****AMENDMENTS TO THE INTERNATIONAL CODE FOR THE CONSTRUCTION**

**AND EQUIPMENT OF SHIPS CARRYING LIQUEFIED GASES IN BULK (IGC CODE)**

In appendix 2, the existing paragraph 6 of the model form of International Certificate of Fitness for the Carriage of Liquefied Gases in Bulk is replaced with the following:

"6 That the loading and stability information booklet required by paragraph 2.2.5 of the Code has been supplied to the ship in an approved form.

7 That the ship shall be loaded:

.1\* only in accordance with loading conditions verified compliant with intact and damage stability requirements using the approved stability instrument fitted in accordance with paragraph 2.2.6 of the Code;

\* Delete as appropriate.

.2\* where a dispensation permitted by paragraph 2.2.7 of the Code is granted and the approved stability instrument required by paragraph 2.2.6 of the Code is not fitted, loading shall be made in accordance with one or more of the following approved methods:

.i\* in accordance with the loading conditions provided in the approved loading and stability information booklet referred to in 6 above; or

.ii\* in accordance with loading conditions verified remotely using an approved means.....; or

.iii\* in accordance with a loading condition which lies within an approved range of conditions defined in the approved loading and stability information booklet referred to in 6 above; or

.iv\* in accordance with a loading condition verified using approved critical KG/GM data defined in the approved loading and stability information booklet referred to in 6 above; and

.3\* in accordance with the loading limitations appended to this Certificate.

Where it is required to load the ship other than in accordance with the above instruction, then the necessary calculations to justify the proposed loading conditions shall be communicated to the certifying Administration who may authorize in writing the adoption of the proposed loading condition.\*\*

\*\* Instead of being incorporated in the Certificate, this text may be appended to the Certificate, if duly signed and stamped."

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**RESOLUTION MSC.476(102)**  
**(adopted on 11 November 2020)**

**AMENDMENTS TO THE INTERNATIONAL CODE FOR THE CONSTRUCTION  
AND EQUIPMENT OF SHIPS CARRYING LIQUEFIED GASES IN BULK**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the function of the Committee,

NOTING resolution MSC.5(48), by which it adopted the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk ("the IGC Code"), which has become mandatory under chapter VII of the International Convention for the Safety of Life at Sea, 1974 ("the Convention"),

NOTING ALSO article VIII(b) and regulation VII/11.1 of the Convention concerning the procedure for amending the IGC Code,

HAVING CONSIDERED, at its 102nd session, amendments to the IGC Code proposed and circulated in accordance with article VIII(b)(i) of the Convention,

1 ADOPTS, in accordance with article VIII(b)(iv) of the Convention, amendments to the IGC Code, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that the amendments shall be deemed to have been accepted on 1 July 2023 unless, prior to that date, more than one third of the Contracting Governments to the Convention or Contracting Governments the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet have notified their objections to the amendments;

3 INVITES Contracting Governments to note that, in accordance with article VIII(b)(vii)(2) of the Convention, the amendments shall enter into force on 1 January 2024 upon their acceptance in accordance with paragraph 2 above;

4 REQUESTS the Secretary-General, for the purposes of article VIII(b)(v) of the Convention, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Contracting Governments to the Convention;

5 REQUESTS ALSO the Secretary-General to transmit copies of this resolution and its annex to Members of the Organization which are not Contracting Governments to the Convention.

**ANNEX**

**AMENDMENTS TO THE INTERNATIONAL CODE FOR THE CONSTRUCTION  
AND EQUIPMENT OF SHIPS CARRYING LIQUEFIED GASES IN BULK (IGC CODE)**

**CHAPTER 6**

**Materials of construction and quality control**

**6.5 Welding of metallic materials and non-destructive testing**

**6.5.3 Welding procedure tests for cargo tanks and process pressure vessels**

1 Paragraph 6.5.3.5.1 is replaced by the following:

".1 tensile tests: cross-weld tensile strength shall not be less than the specified minimum tensile strength for the appropriate parent materials. For materials such as aluminium alloys, reference shall be made to 4.18.1.3 with regard to the requirements for weld metal strength of under-matched welds (where the weld metal has a lower tensile strength than the parent metal). In every case, the position of fracture shall be recorded for information;"

**RESOLUTION MSC.492(104)**  
**(adopted on 8 October 2021)**

**AMENDMENTS TO THE INTERNATIONAL CODE FOR THE CONSTRUCTION AND  
EQUIPMENT OF SHIPS CARRYING LIQUEFIED GASES IN BULK (IGC CODE)**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

NOTING resolution MSC.5(48), by which it adopted the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk ("the IGC Code"), which has become mandatory under chapter VII of the International Convention for the Safety of Life at Sea (SOLAS), 1974 ("the Convention"),

NOTING ALSO article VIII(b) and regulation VII/11.1 of the Convention concerning the procedure for amending the IGC Code,

HAVING CONSIDERED, at its 104th session, amendments to the IGC Code, proposed and circulated in accordance with article VIII(b)(i) of the Convention,

1 ADOPTS, in accordance with article VIII(b)(iv) of the Convention, amendments to the IGC Code, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention, that said amendments shall be deemed to have been accepted on 1 July 2023, unless, prior to that date, more than one third of the Contracting Governments to the Convention, or Contracting Governments, the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet, have notified the Secretary-General of their objections to the amendments;

3 INVITES Contracting Governments to note that, in accordance with article VIII(b)(vii)(2) of the Convention, the amendments shall enter into force on 1 January 2024 upon its acceptance in accordance with paragraph 2 above;

4 REQUESTS the Secretary-General, for the purpose of article VIII(b)(v) of the Convention, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Contracting Governments to the Convention;

5 REQUESTS ALSO the Secretary-General to transmit copies of this resolution and its annex to Members of the Organization which are not Contracting Governments to the Convention.

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ANNEX

**AMENDMENTS TO THE INTERNATIONAL CODE FOR THE CONSTRUCTION  
AND EQUIPMENT OF SHIPS CARRYING LIQUEFIED GASES IN BULK (IGC CODE)**

**CHAPTER 2  
SHIP SURVIVAL CAPABILITY AND LOCATION OF CARGO TANKS**

2.7 Survival requirements

1 The existing text of paragraph 2.7.1.1 is replaced with the following:

**2.7.1 In any stage of flooding:**

"1 the waterline, taking into account sinkage, heel and trim, shall be below the lower edge of any opening through which progressive flooding or downflooding may take place. Such openings shall include air pipes and openings that are closed by means of weathertight doors or hatch covers and may exclude those openings closed by means of watertight manhole covers and watertight flush scuttles, small watertight cargo tank hatch covers that maintain the high integrity of the deck, remotely operated sliding watertight doors, hinged watertight access doors with open/closed indication locally and at the navigation bridge, of the quick-acting or single-action type that are normally closed at sea, hinged watertight doors that are permanently closed at sea, and sidescuttles of the non-opening type:"

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