

International Maritime Solid Bulk Cargoes Code (IMSBC Code)

incorporating amendment 03-15
and supplement

2016 Edition

Erratum*

September 2016

Page 228 is replaced with the following:

IRON ORE

The provisions of this schedule shall apply to iron ore cargoes:

- .1 containing either:
 - .1 less than 10% of fine particles less than 1 mm ($D_{10} > 1$ mm); or
 - .2 less than 50% of particles less than 10 mm ($D_{50} > 10$ mm); or
 - .3 both; or
- .2 iron ore fines where the total goethite content is 35% or more by mass, provided the master receives from the shipper a declaration of the goethite content of the cargo which has been determined according to internationally or nationally accepted standard procedures.

Description

Iron ore varies in colour from dark grey to rusty red. It varies in iron content from haematite, (high grade ore) to ironstone of the lower commercial ranges. Mineral Concentrates are different cargoes (see IRON CONCENTRATE).

Characteristics

Angle of repose	Bulk density (kg/m³)	Stowage factor (m³/t)
Not applicable	1,250 to 3,500	0.29 to 0.80
Size	Class	Group
Up to 250 mm	Not applicable	C

Hazard

No special hazards.

This cargo is non-combustible or has a low fire-risk.

* This erratum is applicable only to the published 2016 edition of the IMSBC Code.

Iron ore cargoes may affect magnetic compasses.

Stowage & segregation

No special requirements.

Hold cleanliness

No special requirements.

Weather precautions

No special requirement.

Loading

Trim in accordance with the relevant provisions required under sections 4 and 5 of this Code. When the stowage factor of this cargo is equal or less than 0.56 m³/t, the tank top may be overstressed unless the cargo is evenly spread across the tank top to equalize the weight distribution. Due consideration shall be given to ensure that the tank top is not overstressed during the voyage and during loading by a pile of the cargo.

Precautions

Loading rates of this cargo are normally very high. Due consideration shall be given to the ballasting operation to develop the loading plan required by SOLAS regulation VI/7.3. Bilge wells shall be clean, dry and protected as appropriate to prevent ingress of the cargo.

Ventilation

No special requirements.

Carriage

No special requirements.

Discharge

No special requirements.

Clean-up

No special requirements.