OTHER RULES AND GUIDANCE

(Guidance for Freight Container)

2024.01

- For development verification -

Development Verification

1. It was confirmed that the development output meets the development input requirements.
2. It has been confirmed that the amendment can be applied without conflict with related regulations.
3. It is expected that there will be no problems in complying with the intended use of the amendment by surveyors and customers (ship owners, shipyards, manufacturers, etc.).

Machinery Rule Development Team

- Main Amendments -

(1) Enter into force on 1 July 2024(the date of application for certification of products)

◉ To reflect Request for Establishment/Revision of Classification Technical Rules

Present	Amendment	reason
CHAPTER 1 GENERAL <Omitted> **CHAPTER 2 CONSTRUCTION AND CERTIFICATION OF FREIGHT CONTAINERS** **Section 1 ~ Section 2** <Omitted> **Section 4 Production Unit Inspection** **401. ~ 402. <Omitted>** **403. Kinds of production unit inspection** The kinds of production unit inspection for type series containers are given in **Table 2.1**. 〈Table 2.1 : Next page〉 **404. Production unit inspection procedure** **1.** The surveyor may properly modify kinds and their production unit inspection specified in **403.** in accordance with the requirements in each Section of this Chapter. **2.** ~~The surveyor may properly modify kinds and their frequencies specified in **403.** depending on the test results previously obtained. The foregoing test results and inspections carried out by the manufacturer may be accepted where they have been executed to the satisfaction of the Society.~~ **3.** <New> **405. ~ 406. <Omitted>**	**CHAPTER 1 GENERAL** <Same as the present Guidance> **CHAPTER 2 CONSTRUCTION AND CERTIFICATION OF FREIGHT CONTAINERS** **Section 1 ~ Section 2** <Same as the present Guidance> **Section 4 Production Unit Inspection** **401. ~ 402. <Same as the present Guidance>** **403. Kinds of production unit inspection** The kinds of production unit inspection for type series containers are given in **Table 2.1**. 〈Table 2.1 : Next page〉 **404. Production unit inspection procedure** **1.** The surveyor may properly modify kinds and their production unit inspection specified in **403.** in accordance with the requirements in each Section of this Chapter. **2.** For each container inspection items, if the inspection result conducted by the quality control manager of the manufacturer is recognized as satisfactory in the case of continuous manufacturing production of the same type of product, it can be accepted. And "continuous manufacturing production" in the previous sentence refers to manufacturing producing 10 or more containers per hour using a conveyor division of labor. **3.** In the case of non-pressurized container for dry bulk, platform containers, and flat rack containers, different test standards may be applied depending on the structure of the container as containers with various structures are manufactured. In this case, the relevant information must be recorded on the certificate on inspection. **405. ~ 406. <Same as the present Guidance>**	* It is reflected Request for Establishment/Revision of Classification Technical Rules(STS6000-279-2023). : Reflection of revisions to Container Type Approval Test and Certification Standards (Korea Ministry of Oceans and Fisheries Notice No. 2022-77, May 23, 2022)

<Present>

Table 2.1 Kinds of production unit inspection for type-series containers

Kinds of container	Kinds of test	Frequency
General Cargo Container	· Visual inspection · Dimensional inspection · Weather tightness test	for each container
	· Mass measurement · Top lifting · Floor strength	for one container selected at random from every fifty containers
Thermal Container	~~· Same as the General Cargo Container~~	~~Same as the General Cargo Container~~
	· Airtightness test · Operation test for refrigerating unit or heating appliance	for each container
	· Thermal test · Performance test of refrigerating unit	for one container selected at random from every fifty containers
Tank Container	· Same as the General Cargo Container	Same as the General Cargo Container
	· Pressure test	for each container

<hereafter, omitted>

<Amendment>

Table 2.1 Kinds of production unit inspection for type-series containers

Kinds of container	Kinds of test	Frequency
General Cargo Container	· Visual inspection · Dimensional inspection · Weather tightness test	for each container
	· Stacking test · Mass measurement · Top lifting · Bottom lifting · Floor strength	for one container selected at random from every 100 containers
Thermal Container	· Visual inspection · Dimensional inspection · Weather tightness test · Airtightness test · Operation test for refrigerating unit or heating appliance	for each container
	· Stacking test · Mass measurement · Top lifting · Bottom lifting · Floor strength · Thermal test · Performance test of refrigerating unit	for one container selected at random from every 100 containers
Tank Container	· Visual inspection · Dimensional inspection · Weather tightness test · Pressure test	for each container
	· Stacking test · Mass measurement · Top lifting · Bottom lifting	for one container selected at random from every 100 containers
Non-pressurized Container for dry bulk(1)	· Visual inspection · Dimensional inspection · Weather tightness test · Airtightness test	for each container
	· Stacking test · Mass measurement · Top lifting · Bottom lifting · Floor strength	for one container selected at random from every 100 containers
Platform, Flat Rack Container(2),(3)	· Visual inspection · Dimensional inspection · Weather tightness test	for each container
	· Stacking test · Mass measurement · Top lifting · Bottom lifting · Floor strength	for one container selected at random from every 100 containers

NOTES :
(1) The designation and test procedure for containers are to be in accordance with **ISO 1496-4**.
(2) The designation and test procedure for containers are to be in accordance with **ISO 1496-5**.
(3) A flat rack container is a special-purpose container that has a floor structure similar to a platform container and has no side walls.

<hereafter, Same as the present Guidance>