

Krylov State Research Center



УТВЕРЖДАЮ
APPROVED BY

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PROGRAM

Certification safety tests of soft specialized container of MK-14-10 grade

St.Petersburg

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1. General

A soft container of MK-14-10 grade having the following technical characteristics was tested:

Material	Rubbered cloth reinforced with grid of belt bands
Maximum carrying capacity, kgf (Q_{\max})	14,000
Maximum holding capacity, m ³	15.0
Top structure	Closed with loading arm
Bottom structure	Flat blind with discharging arm
Lifting device (quantity of lifting eyes)	8
Presence of insert	No
Total quantity of layers when piling	4
Overall dimensions, cm	240×240×280
Package group	III
Registration numbers	11213691, 10414360

2. Test goal:

The goal consists in topple, righting, tear and stacking testing of container MK-14-10 in compliance with section 6.8.5 "U.N.O. Recommendations for Dangerous Goods Transportation (Model Regulations, 17th revised edition and later editions) and with Part 6.9.1 IMDG Code (edition of 2012).

3. Structural type testing

No.	Test type	Load	
		Requirements	Value, kgf
1	<i>Tear test</i>	$2 \times Q_{\max}$	28000
2	<i>Stacking test</i>	$4 \times Q_{\max}$	56000
3	<i>Drop test from height 0.8 m</i>	Q_{\max}	14000
4	<i>Topple test from height 0.8 m</i>	$Q_{\max c}$	14000
5	<i>(Righting test)</i>	Q_{\max}	14000

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