

Krylov State Research Center



**УТВЕРЖДАЮ**  
**APPROVED BY**

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**PROGRAM**

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

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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 <sup>3</sup>	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>	$Q_{maxc}$	14000
5	<i>(Righting test)</i>	$Q_{max}$	14000

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