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**Your notice of**  
09-05-2016

**Your reference**

**Date**  
27-05-2016

## **Analysis Report 16.02397.04**

**Translation of analysis report 16.02397.01, made on 27-05-2016**

Required tests :

<b>IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8</b>	<b>Fire tests - Test for upholstered furniture - smouldering cigarette test</b>
<b>IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8</b>	<b>Fire tests - Test for upholstered furniture - Match flame equivalent</b>

Identification number	Information given by the client	Date of receipt
T1609312	ARTHUR	09-05-2016

Petra Wittevrongel

Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.  
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

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**Reference: T1609312 - ARTHUR**

**IMO upholstered furniture**

**Information given by the client**

Type of furniture                      Seat / sofa

**Fabric**

Composition                              Polyester

Structure                                  Weave

Weight per unit area                      630 g/m<sup>2</sup>

Colour                                        Peacock

Treated with an FR finish/coating      yes

**Reference: T1609312 - ARTHUR**

**Fire tests - Test for upholstered furniture - smouldering cigarette test**

Date of ending the test 24-05-2016  
 Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8  
 Deviation from the standard -  
 Conditioning 23°C, relative humidity 50%

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Filling T 23140 (Recticel) \* - non-fire retardant foam -  $\pm 22$  kg/m<sup>3</sup>  
 \* standard non-FR PU-foam (as indicated in Appendix 2 and 3 of Part 8)

	1	2
<b>Smouldering criteria</b>		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoulders to extremities	no	no
Smoulders through thickness	no	no
Smoulders more than 1 hour	no	no
Final examination / active smouldering	no	no
<b>Flaming criteria</b>		
Occurrence of flames	no	no
	non-ignition	non-ignition

**Conclusion Pass**

**Reference: T1609312 - ARTHUR**

**Fire tests - Test for upholstered furniture - Match flame equivalent**

Date of ending the test 24-05-2016  
Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8

Deviation from the standard -

Conditioning 23°C, relative humidity 50%

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Filling T 23140 (Recticel) \* - non-fire retardant foam -  $\pm 22$  kg/m<sup>3</sup>  
\* standard non-FR PU-foam (as indicated in Appendix 2 and 3 of Part 8)

Flame application time (s) 20

	1	2
<b>Smouldering criteria</b>		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoke/heat/glowing more than 120 s	no	no
Final examination / active smouldering	no	no
<b>Flaming criteria</b>		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Flaming > 120 s	no	no
Afterflame time (s)	10	19
	non-ignition	non-ignition

**Conclusion Pass**