



TESTING • CERTIFICATION • AUDITING

# Confidential Report

**Our Ref: 54039-1**



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Notified Body  
for PPE Directive,  
Construction Products Regulation  
& Marine Equipment Directive  
I.D. No. 0338 & 0339



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Date: 21 September 2017

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Client: Gudbrandsdalen Uldvarefabrika AS  
Mortrudveien 3-5  
NO-2609 Lillehammer  
Norway

Job Title: Fire Test on One Sample of Fabric

Client's Order No: -

Date of Receipt: 14 September 2017

Description of Sample(s): One sample of fabric referenced; 8909 Montparnasse Plain

Work Requested: We were asked to make the following test(s):  
IMO FTP Code 2010 Part 8 (Upholstered Furniture)

- \* subcontracted test, UKAS accredited
- \*\* subcontracted test, EN ISO/IEC 17025 accredited
- \*\*\* not UKAS accredited



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## Product Description Sheet

Type of Furniture, e.g., Seat, Sofa, Office Chair, etc.;	Seats, sofas and office chairs
Name and/or Identification of the Product Tested	8909 Montparnasse Plain
Materials of the Product and its Composite Ratio (i)	37% Wool, 7% polyamide, 56% cotton
Composition of Weave (ii)	Jacquard
Density (Number/Inch) the Number of Threads per Inch in both warp and weft; and	Cm: 19/11, 4
Yarn Number Count	Nm 36/2 : Nm 3
Thickness (mm)	1, 2
Mass per Unit Area (g/mm <sup>2</sup> )	365 g/m <sup>2</sup>
Colour and Tone (iii)	Colour range of 10 colours
Method and Quantity of Fire Retardant Treatment	Flovan

- (i) Such as wool, nylon, polyester, etc.
- (ii) Such as plain, weave, twilled.
- (iii) If the product has a pattern, the representative colour shall be described.



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## **FIRE TESTS ACCORDING to IMO FTP Code 2010 : Part 8 Test for Upholstered Furniture**

**Date of test: 19/09/2017**

### **Conditioning**

Immediately prior to testing the sample was placed in indoor ambient conditions for 72 hours and then conditioned in a standard atmosphere of  $20 \pm 5^\circ\text{C}$  temperature and  $50 \pm 20\%$  relative humidity for at least 16 hours.

The sample was tested in a room of volume  $25\text{m}^3$  and  $17^\circ\text{C}$ .

### **Procedure**

The sample was tested in accordance with IMO FTP Code 2010:Part 8 using ignition sources 0 and 1. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

The specimens were mounted over fillings of standard non-FR polyurethane foam of density about  $22\text{Kg}/\text{m}^3$ .

### **Requirements**

No progressive smouldering or flaming within one hour of the placement of the cigarette.

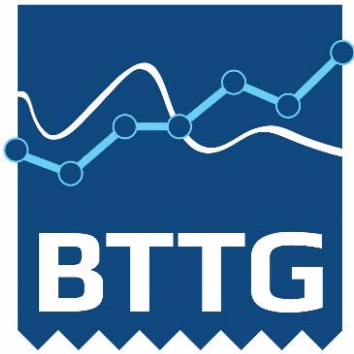
All progressive smouldering and flaming to cease within 120sec of removal of the burner tube.



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### Results

Ignition Source	Specimen 1		Specimen 2	
	0	1	0	1
Ignition Time (secs.)	-	1	-	1
Extinction Time (Flame) (secs.)	-	1	-	1
Extinction Time (Smoke) (secs.)	-	-	25	-
Time of Cover Split (secs.)	DNS	DNS	DNS	DNS
Progressive smouldering/flaming observed	No	No	No	No
Performance	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

DNP – Did not propagate  
ME – Manually extinguished  
DNS – Material did not split  
BES - Burnt to edge of specimen

EC – Escalating combustion  
ES – Escalating smouldering  
DNO – Did not observe time of event  
BTTF – Burnt through thickness of foam

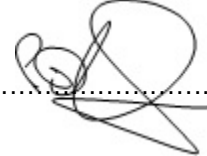
### Note

The test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

### Comment

In our opinion, based on the test carried out on the sample supplied; the results indicate the sample meets the requirements according to IMO 2010 FTP Code, Part 8.

Reported by:   
J Coleman  
Fire Technician

Countersigned By:   
P Doherty  
Operational Head

Enquiries concerning this report should be addressed to Customer Services.



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## Uncertainty Budget - Annex

The overall uncertainty budget IMO FTP Code 2010:Part 8 is as follows:-

Measurements:  $\pm 1\text{mm}$   
Timings:  $\pm 2$  seconds



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