



**FIRE  
TECHNOLOGY  
SERVICES**

## **Confidential Report**

**Our Ref: 27/03130/04/14**

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

**Fire Technology Services  
A division of BTTG T & C Ltd  
Wira House, West Park Ring Road,  
Leeds, LS16 6QL**



**Tel No: +44 (0)113 25919969 Fax No: +44 (0)113 2780306**



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BTTG Testing & Certification Ltd.  
Wira House  
West Park Ring Road  
Leeds, LS16 6QL  
England

Tel: +44 (0)113 259 1999  
Fax: +44 (0)113 278 0306  
Web: <http://www.bttg.co.uk>  
Email: [CSLeeds@bttg.co.uk](mailto:CSLeeds@bttg.co.uk)

22 May 2014

Our Ref: 27/03130/04/14  
Your Ref:

Page 1 of 3

Client: AB Ludvig Svensson  
Bangatan 8  
SE-511 82 Kinna  
Sweden

Job Title: **Fire Test on One Sample of Fabric**

Clients Order Ref: --

Date of Receipt: 24 April 2014

Description of Sample: One sample of fabric, referenced: **Khaki, 100% Trevira CS.**

Work Requested: Fire Technology Services were requested to carry out a fire test on the sample supplied to IMO FTP Code Part 8.





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Page 2 of 3

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**AB Ludvig Svensson**

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

**Date of Test:** 22/05/14

### **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  $21^\circ\text{C}$ .

### **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 specimen of fabric was mounted over fillings of combustion modified high resilience foam of density about  $35 \text{ kg/m}^3$ .

### **Requirements**

<u>Ignition Source 0</u>	No progressive smouldering or flaming within one hour of the placement of the cigarette.
<u>Ignition Source 1</u>	All progressive smouldering and flaming to cease within 120sec of removal of the burner tube.





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Page 3 of 3

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**Results**

	Source 0		Source 1	
	Time of ignition(s)	--	10	--
Time of extinction (Flame) (s)	--	21	--	21
Time of extinction (Smoke) (s)	1228	48	1248	53
Time of cover split(s)	DNO	6	DNO	7
Melting (Yes or No)	No	No	No	No
Dripping (Yes or No)	No	No	No	No
Charring (Yes or No)	Yes	Yes	Yes	Yes
Other phenomena				
Pass/Fail	Pass	Pass	Pass	Pass

DNO Did not observe time of event

**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.

An estimation of uncertainty of measurement has not been taken into account when making a judgement to any pass/fail criteria.

Reported by: *B. Marsden* ..... B Marsden (Mrs), Fire Technician

Countersigned by: *[Signature]* ..... P Doherty, Operational Head

Enquiries concerning this report should be addressed to Customer Services.

BTTG Testing & Certification Ltd. Registered Office :  
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