



TESTING • CERTIFICATION • AUDITING

Confidential Report

Our Ref: 52622-2-1



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



Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
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Website: www.bttg.co.uk

Date: 16 November 2016

Our Ref: 52622-2-1
Your Ref: --

Page: 1 of 5

Client: Kobefab International B.V.
De Vest 62
5555 XP Valkenswaard
Netherlands.

Job Title: Fire Test on One Sample of Fabric

Client's Order No: --

Date of Receipt: 10 November 2016

Description of Sample(s): Florian, also stated to represent Jules, Henri and Nicolas

Work Requested: We were asked to make the following test(s):

BS 5852:Clause 11:2006 (2011) Assessment of the ignitability of upholstered seating by Smouldering and Flaming sources – Source 5 (Crib 5)

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



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Testing BS 5852:Clause 11:2006 (2011) Assessment of the ignitability of upholstered seating by Smouldering and Flaming sources – Source 5 (Crib 5)

Date of test: 16/11/2016

Pre-Treatment

The material was subjected to the water soak procedure according to BS 5852:Annex E:2006 (2011).

Conditioning

The sample was conditioned and tested in the environments specified in Clause 10 of BS 5852:2006 (2011).

Testing

The material was tested according to BS 5852:2006 (2011) Methods of test for the ignitability of upholstered composites for seating by flaming sources using Source 5 (Crib 5).

The sample was tested at 21°C and 51% r.h.

Foam Used

The sample was tested over combustion modified polyurethane foam with a density of approximately 36kg/m³.



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Results

The test results are shown in the tables below:-

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

	Specimen 1	Specimen 2
Time of Ignition (s)	31	36
Time of Flame Extinction (s)	254	239
Time of Smoke Extinction (s)	605	489
Time of cover split	DNO	DNO

Extent of damage (mm) - Seat

Width	145	125
Length	105	90
Depth	50	40

Extent of damage (mm) - Back

Width	135	120
Length	410	350
Depth	50	50

Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Comments and Observations	-	-

Specimen Result (Ignition or Non-ignition)	Non-Ignition	Non-Ignition
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Acronyms

ME – Manually extinguished

DNS – Material did not split

BTT – Burnt through thickness of foam

EC – Escalating combustion

DNO – Did not observe time of event

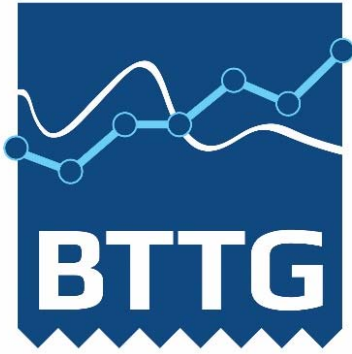
DNI – Did not ignite



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Conclusion

The results indicate "Non-ignition" of the materials and the test is designated **NI/5** (ie. Pass)

Uncertainty of measurement has not been taken into account when presenting the test result. The relevant uncertainty value is included as an annex which forms an integral part of the report.

Reported by:.....
R Ryan (Mr)
Fire Technician

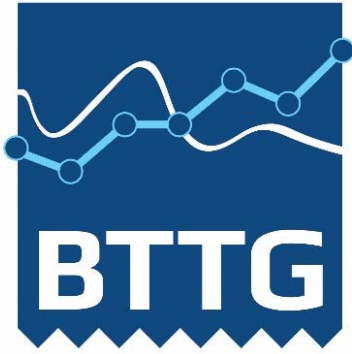
Countersigned By:.....
P Doherty
Operational Head



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Uncertainty Budget - Annex

The overall uncertainty budget for both BS 5852:Part 1:1979 is as follows:-

±2mm
±2 seconds.



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