LANCASHIRE TESTING SERVICES LIMITED
Lyon Road Industrial Estate : Kearsley : Bolton
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Tel: +44 (0) 1204 792858
Email: enquiries@ltslab.co.uk
www.ltslab.co.uk

UKAS TESTING
9630

TEST CERTIFICATE

CLIENT:	Agua Fabrics Ltd Hyde House The Hyde London NW9 6LH -	**Certificate Number:**	**UK2000892 -2**
		Date Received:	14/10/2020
		Date Issued:	19/10/2020
		Issue Number:	**1**
		Changes made from previous issue (if applicable)	
Contact:	Suzanne Ralton		
Tel:	020820500050		
Email:	suzanne@aguafabrics.com		

SAMPLE IDENTIFICATION

The information is this section is provided by the client and Lancashire Testing Services Ltd assumes no reponsibility or liability for its accuracy.

Sample Name / Reference	Agua Fusion
Additional Names:	-
Batch Ref/Number:	
Order Number:	-
Colour:	-
Fabric Composition:	-
Quality:	PVC/Faux Leather/Vinyl

Additional Information: (Annex)

Name and address of sponsor:	-
Names and address of supplier/manufacturer:	-
Type of Furniture:	-
Fabric Details: (Weave/Density/Yarn count/thickness (mm)/mass (g/m^2) colour & tone	-
Fire Retardant Treatment:	-

SPECIFICATION

IMO FTP CODE 2010 Annex 1 Part 8 - Test for upholstered furniture

TEST METHOD

Flammability:	IMO FTP CODE 2010 - Annex 1 - Part 8 - Test for upholstered furniture
Pre-treatment:	None Required

Conclusion

The sample tested: **Complies** with the flammability requirements of:
IMO FTP Code 2010 - Annex 1 - Part 8 - Test for upholstered furniture, taking into account uncertainity of measurement, when tested as suggested in appendix 3 of the IMO FTP Code 2010 over a non-flame-retardant filling (RP21130)

Uncertainty of Measurement: ±1 second - timing measurements, ±1mm - dimensional measurements

Comments: Cigarettes did not smoulder to completion

This report relates only to the sample tested and does not guarantee the bulk of the material to be of equal quality

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Test Results:-

IMO FTP Code 2010 - Part 8 - Test for upholstered furniture

"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 th e sole criterion for assessing the potential fire hazard of the product in use."

Sample Code	UK2000892 -2
Sample Name / Reference	Agua Fusion
Client	Agua Fabrics Ltd
Date of test	19/10/2020
Pre-Treatment	None Required -
Filling Type	Carpenter/RP21130 unmodified polyurethane foam of density 20-22Kg/m^3/Type B, 130
Size of test rig	Small: Back - 450 x 300 ± 2mm + Seat - 450 x 150 ± 2mm

Test Conditions	Period h	Temperature ºC	Relative humidity %	Air Flow m/s	Volume m^3
Conditioning of test specimens	≥16	23±2	50±5	≤0.2	-
Testing conditions	-	20±5	20-70	0.05	≥6

Testing Source	Smouldering Cigarette Source
Cigarette Specification	Length = 70±4mm, Diameter = 8±0.5mm, mass = 0.95 ±0.15g, Smouldering rate = 11±4.0 min/50mm
Testing time limit	60 minutes after placement of smouldering cigarette.

Test No.	Position	Ignition/Non Ignition	Duration of: (min.sec)			Extent of Damage:			
			Ignition Source	Flames	Smoke	Base: Length (mm)	Base: Width (mm)	Back: Length (mm)	Back Width (mm)
1	LHS	NI	13.24	-	13.24	15	52	17	51
2	M	NI	13.47	-	13.47	13	50	18	51

Testing Source	Propane Flame Ignition Source / Butane ignition source
Testing time limit	2 minutes after removal of burner tube (120 seconds)

Test No.	Position	Ignition/Non Ignition	Duration of: (min.sec)			Extent of Damage:			
			Ignition Source	Flames	Smoke	Base: Length (mm)	Base: Width (mm)	Back: Length (mm)	Back Width (mm)
1	M	NI	20	20	54	11	20	72	12
2	RHS	NI	20	20	57	13	18	64	12

RESULT:	**SMOULDERING CIGARETTE SOURCE**	**PASS**
	PROPANE/BUTANE FLAME IGNITION SOURCE	**PASS**

KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side

On behalf of Lancashire Testing Services :

Tony Alcock,
Laboratory Technician:

John Marsh,
Laboratory Technician:

Peter Collings,
Operations Manager:

Please note that copies of this original certificate are not valid

Issue Number: 1

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If the measurement result plus/minus the expanded uncertainty with a 95 % coverage probability overlaps the limit, it is not possible to state compliance or non-compliance. The measurement result and the expanded uncertainty with a 95 % coverage probability will then be reported. The report will include the actual value with the uncertainty range.

Lancashire Testing Services Ltd have conducted thorough analysis of the uncertainty of all measurements carried out in the application of the standard or standards detailed in this report. Where possible any associated uncertainty of measurements have been accounted for in the working instructions, so that they have no impact on the reporting of the final result. In instances were uncertainty of measurements can only be taken into account after the test has been conducted, these uncertainty values have been stated on this report. The stated uncertainty of measurement has also been taken into account in the final reporting of the overall result.

Issue Number: 1

Please note that copies of this original certificate are not valid

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