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## Pineapple Contracts

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Our Ref: **TFFLF89651**

Date: 04/11/2019

Delivery Date: 09/09/2019

Test Dates: 28 October 2019

For the attention of Neill Smith

## SAMPLE(S) FOR TEST:

One, Chair Sample Ref: Xeon Chair

*Note: The above descriptions are as supplied by the client and have not been verified by FIRA International who can take no responsibility for the accuracy of the description.*

## TEST REQUIREMENTS:

Test Based on BS 5852: 2006, Clause 12 Ignition Source 5

## RESULT:

Pass - P 5

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# TECHNICAL REPORT

## DESCRIPTION

Enquiry No. TFFLF 89651

Item: One, Chair Sample Ref: Xeon Chair

Supplied by: **Pineapple Contracts**

*The following test results relate only to the ignitability of the complete item (BS 5852: 2006 Clause 12) 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.*

## **BS 5852: 2006 – METHODS OF THE TEST FOR ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED SEATING BY SMOULDERING AND FLAMING IGNITION SOURCES. CLAUSE 12**

**Initial Inspection:** Condition as new

**Conditioning:** ≥3 days at indoor ambient conditions and ≥24 hours at 20±5°C & 50±20% rh

**Test procedure:** As specified in Clause 12 of BS 5852: 2006

**Test conditions:** The test was performed with the stipulated conditions 10°-30°C and 15%-80% relative humidity

## RESULTS

Position of ignition source	Source No.	App.	Flames following removal of source	Smoke/Smoulder	Ignition/Non-ignition
Back Left Seat	5	1	4min 06sec	10min 00sec	PASS (N/I)
Front Right Seat	5	2	4min 14sec	10min 00sec	PASS (N/I)
Left Front Leg	5	1	3min 47sec	10min 00sec	PASS (N/I)
Right Back Leg	5	2	3min 35sec	10min 00sec	PASS (N/I)

## COMMENTS

CLAUSE	SMOULDER FAIL CRITERIA	RESULT IGNITION/NON IGNITION
4.1.2a	Unsafe escalating combustion	PASS (N/I)
4.1.2a	<b>Ignition Source 0</b> - Externally detectable smoke, heat or glowing between the extinction of the source and the 60 min time limit	PASS (N/I)
4.1.2a	<b>Ignition Source 1</b> - Smoke/ smoulder ≥15min from application of ignition source	PASS (N/I)
4.1.2a	<b>Ignition Source 5</b> Smoke/ smoulder ≥60min from application of ignition source	PASS (N/I)
4.1.2a	Charring/ other than discolouration extending more than 100mm, other than upwards from position of the crib	PASS (N/I)
4.1.2b	Test assembly essentially consumed or smoulders to extremities	PASS (N/I)
CLAUSE	FLAMING FAIL CRITERIA	RESULT IGNITION/NON IGNITION
4.2.2a	<b>Ignition Sources 1, 5</b> - Unsafe escalating combustion	PASS (N/I)
4.2.2a	<b>Ignition Sources 1, 5</b> - Test assembly consumed	PASS (N/I)
4.2.2b	<b>Ignition Sources 1, 5</b> - Flame front reaches the extremities other than the top of the vertical part	PASS (N/I)
4.2.2a	<b>Ignition Source 1</b> - Flaming >2min from removal of Ignition source	PASS (N/I)
4.2.2a	<b>Ignition Source 5</b> - Flaming >10min from ignition of crib	PASS (N/I)
4.2.2c	<b>Ignition Source 0</b> - Flaming Occurs	PASS (N/I)

## CONCLUSION

This sample passes the requirements of BS 5852: 2006 Clause 12, Ignition source 5.

Tested by: Vanessa Mitchell  
 Reported by: Luis Mitchell  
 Approved by: Nathaly Da Silva  
 Senior Technician

\*\*\*\*\* End of Report \*\*\*\*\*

