

Customer Details: Pineapple Contracts
Murray Road
ORPINGTON
Kent
BR5 3QY

For the attention of: Neill Smith

TECHNICAL REPORT

Subject: Xeon PA6 Nylon Colour Chair - For BS EN 15373: 2007 (Test Level 3)

Your Ref:

Our Ref: FUR0183612

Date: 5th May 2010

Date Sample Received: 25th March 2010

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

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Report signed by: Jacqueline Glasspool
Position: Deputy Business Manager
Department: Furniture Technology Department

ASSESSMENT OF XEON PA6 NYLON COLOUR CHAIR

As requested by Pineapple Contracts, SATRA have assessed the Xeon PA6 Nylon Colour Chair submitted in terms of fitness for purpose, with regard to strength, stability and safety requirements.

SAMPLE SUBMITTED

Sample reference: Xeon PA6 Nylon Colour Chair
 Date received: 25th March 2010
 Testing completed: 5th May 2010
 Testing conducted by: T Lyons
 Report by: D Major

TESTS CARRIED OUT

BS EN 15373: 2007 – Furniture – Strength, durability and safety – Requirements for non-domestic seating.

RESULTS

BS EN 15373: 2007 (Test Level 3)

Clause	Test	Result
5	Safety Requirements	
5.1	General	
5.2	Shear and squeeze points	
5.2.1	Shear and squeeze points when setting up and folding	N/A
5.2.2	Shear and squeeze points under influence of powered mechanisms	N/A
5.2.3	Shear and squeeze points during use (see strength and durability table)	PASS
5.3	Stability	
5.3.1	General	PASS
5.3.2	Swivelling chairs	N/A
5.3.3	Non swivelling chairs	PASS
5.4	Rolling resistance of the unloaded chair	N/A

STRENGTH AND DURABILITY TABLE – Test Level 3 (Severe Use)

Reference	Test and Sequence	Results
EN 1728: 2000, 6.2.1	Seat and back static load test	PASS
EN 1728: 2000, 6.2.2	Seat front edge static load test	PASS
EN 1728: 2000, 6.3	Additional static load test for tilting chairs and intermediate reclining chairs	N/A
Annex A2	Vertical static load on back	PASS
EN 1728: 2000, 6.4	Foot rail/foot rest and leg static load test	N/A
EN 1728: 2000, 6.5	Arm sideways static load test	PASS
	Wing sideways static load test	N/A
EN 1728: 2000, 6.6	Arm downwards static load test	PASS
Annex A1	Vertical upwards static load on arm rests	PASS
EN 1728: 2000, 6.7	Seat and back fatigue test	PASS
	Seat and back fatigue test for chairs with tilting or reclining mechanism (upright position)	N/A
EN 1728: 2000, 6.8	Seat front edge fatigue test	PASS
EN 1728: 2000, 6.10	Arm fatigue test	PASS
EN 1728: 2000, 6.11	Leg rest fatigue	N/A
Annex A5	Foot rail fatigue	N/A
EN 1728: 2000, 6.12	Leg forward static load test	PASS
EN 1728: 2000, 6.13	Leg sideways static load test	PASS
EN 1728: 2000, 6.14	Diagonal base test	N/A
EN 1728: 2000, 6.15	Seat impact test	PASS
EN 1728: 2000, 6.16	Back impact test	PASS
EN 1728: 2000, 6.17	Arm impact test	PASS
EN 1728: 2000, 6.18	Drop test (multiply seating)	N/A
Annex A3	Auxiliary writing surface static load test	N/A
Annex A4	Auxiliary writing surface static load test	N/A

DISCUSSION

The ‘Xeon PA6 Nylon Colour Chair’ submitted for testing by Pineapple Contracts (see Pictures 1-3), has satisfied the relevant requirements of BS EN 15373: 2007 (Test Level 3 – Severe Use) – Strength, durability and safety requirements for non-domestic seating.



Front View: Xeon PA6 Nylon Colour Chair



Side View: Xeon PA6 Nylon Colour Chair



Rear View: Xeon PA6 Nylon Colour Chair



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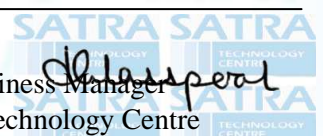
Issue Date: 1st October 2009

Pineapple Contracts
FUR0183612
Date: 5th May 2010

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Signed:

Deputy Business Manager
Furniture Technology Centre



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11. Safety critical items such as bunk beds, mirrors, glass furniture, motion furniture, nursery furniture, beds, electrical items and upholstery may need to comply with specific regulations. Clients are advised to check for conformance before supplying products.
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June 2007