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**THE TRENT POTTERY COMPANY
(LEICESTER) LIMITED**

Regent Street
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Leicester
Leicestershire
LE9 2DS

Our Ref: **TSSEF19655**

Date: 17 January 2008
Delivery Date: 30 October 2007
Test Dates: 12 December 07 – 03 January 08

For the attention of Rob Price

SAMPLE(S) FOR TEST :

One, Abruzzo Chair

TEST REQUIREMENTS :

BS EN 15373:2007 Test Level 2
BS EN 1022:2005

RESULT :

PASS
PASS

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TECHNICAL REPORT

DESCRIPTION

Item: Abruzzo Chair
Supplied by: The Trent Pottery Company (Leicester) Limited
See Plates: One – Four

Wooden framed chair constructed from timber of various sizes. The four 375mm long legs are 30mm x 30mm at the base and taper up to 40mm x 40 mm at the seat frame where they are nailed and glued in place. The seat frame itself measures 390mm x 490mm and has corner joints for added support. The backrest is 370mm wide and stands 550mm proud of the seat. A lattice of rubber straps supports the seat and both seat and backrest are covered in polyurethane foam and faced in a leather material

All dimensions are approximate.



TECHNICAL REPORT

BS EN 1022:2005 - STRENGTH AND STABILITY OF FURNITURE

Stability tests for chairs and stools

The stability tests required were carried out in accordance with the Standard. Details of the loads applied and their positions are retained at FIRA and are available on request.

Item: Abruzzo Chair

Initial Inspection: No Apparent Faults

Conditioning: N/R

	TEST	RESULT
6.2	Forwards overturning	PASS
6.3	Forwards overturning (with footrest)	N/A
6.4	Sideways overturning (without arms)	PASS
6.5	Sideways overturning (with arms)	N/A
6.6	Rearwards overturning (all seating with backs)	PASS
7.3	Tilting	N/A
7.4	Rocking chairs	N/A
7.5	Reclining chairs (with footrests)	N/A
7.6	Footrest test	N/A
7.7	Reclining chairs (without footrests)	N/A
8.2	Forwards and sideways overturning - calculative (without arms)	N/A
8.3	Sideways overturning - calculative (with arms)	N/A
8.4	Stools, all directions - calculative	N/A
8.5	Accidental overturning - calculative	N/A

TECHNICAL REPORT

BS EN 15373: 2007 – FURNITURE – STRENGTH, DURABILITY AND SAFETY REQUIREMENTS FOR NON-DOMESTIC SEATING

The strength tests required were carried out in accordance with the standard. Details of the loads applied and their positions of application are retained at FIRA and are available on request.

Item: Abruzzo Chair

Test Level: 2

Initial Inspection: No Apparent Faults

Conditioning: N/R

	TEST	RESULT		TEST	RESULT
5.1	General Safety Requirements	PASS	6.1.10	Seat and Back Fatigue Load	PASS
5.2	Shear and Squeeze Points	PASS	6.1.11	Recliner Seat and Back Fatigue Seat Front Edge	N/A
5.3	Stability	PASS	6.1.12	Fatigue	N/A
5.4	Rolling Resistance	N/A	6.1.13	Arm Fatigue Test	N/A
6.1.1	Seat Static Load	PASS	6.1.14	Leg Rest Fatigue Test	N/A
6.1.1	Back Static Load	PASS *	6.1.15	Foot Rail Fatigue Test	N/A
6.1.2	Seat Front Edge Static Load	N/A	6.1.16	Leg Rest Fatigue	N/A
6.1.3	Recliner Static Load	N/A	6.1.17	Leg Forward Static Load	PASS
6.1.4	Vertical Static Load on Back	N/A		Leg Sideways Static Load	PASS
6.1.5	Foot Rail Static Load	N/A	6.1.18	Diagonal Base Load	N/A
6.1.6	Arm Sideways Static Load	N/A	6.1.19	Seat Impact	PASS
6.1.7	Wing Sideways Static Load	N/A	6.1.20	Back Impact	PASS
6.1.8	Arm Downwards Static Load	N/A	6.1.21	Arm Impact	PASS
6.1.9	Vertical Upwards Static Load on Arms	N/A	6.1.22	Drop Test	N/A
			6.1.23	Auxiliary Writing Surface Static Load	N/A
			6.1.24	Auxiliary Writing Surface Fatigue Test	N/A

* Tested at 410N due to overturning

In extreme weather conditions the ambient test temperature and/or humidity may fall outside the requirements of the standard. Such changes have not been shown to affect the validity of the results. Details of the ambient conditions at time of test are available on request.



TECHNICAL REPORT

CONCLUSION

The Abruzzo Chair, as previously described, successfully satisfied the applicable stability test requirements from BS EN 1022:2005.

The Abruzzo Chair, as previously described, successfully satisfied the applicable strength and durability test requirements from BS EN 15373:2007 to Test Level 2.

Tested by: L Haines & D Bowey
Reported by: C L Rance
Approved by: A P Cayless
Section Head - Seating





Plate 1: Front of Abruzzo Chair



Plate 2: Side of Abruzzo Chair



Plate 3: Rear of Abruzzo Chair



Plate 4: Underside of Abruzzo Chair