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TEST REPORT

NUMBER: LECH00303329A1 Amendment

APPLICANT: Pentel (Stationery) Ltd
Hunts Rise
South Marston Park
Swindon
SN3 4TW

DATE: 12th August 2009

For the attention of Ashley Stevens

SAMPLE DESCRIPTION: Colour Pen

REFERENCE / STYLE NO.: S360

RETAILER: Not specified

SAMPLE RECEIVED: 3rd August 2009

PURCHASE ORDER: Not specified

TEST REQUEST: BS7272-1: 2008 – Safety Caps for Writing and Marking Instruments
BS7272-2: 2008 – Specification for End Closures for Writing and Marking Instruments

CONCLUSION: The results of the tests carried out **MEET** the requirements of BS7272-1
The results of the tests carried out **DO NOT MEET** the requirements of BS7272-2

Tests marked (#) in this Test Report are not included in the UKAS Accreditation Schedule for this Laboratory
Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation
Tests marked (^) in this Test Report have been sub-contracted to an agent approved by Intertek



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This report details the clauses appropriate to this item. Those clauses not referred to were considered not applicable.

Specification: BS7272-1: 2008 - Safety Caps for Writing and Marking Instruments

Section	Test	Results
3	Requirements	
3.1	General - Items are deemed to meet the requirements of Section 3 if they satisfy Clauses 3.2 or 3.3.	
3.2	16mm Ring Gauge	*
3.3	Continuous Air Flow	Pass
4	Marking	
	a) Name/Tradename of Supplier	Pass

KEY

* - This clause was evaluated to determine compliance with the standard. The pass criteria were not satisfied, therefore subsequent clauses were evaluated.

P = When evaluated, this sample passes the requirement of the standard, therefore no further tests are necessary.

F = Fail

N/A = Not Applicable

N/T = Not Tested

Date of Testing: 4th August 2009



TEST REPORT

NUMBER: LECH00303329A1 Amendment

Specification: BS7272-2: 2008 – Specification for End Closures for Writing and Marking Instruments

Section	Test	Results
4	Requirements	
4.1	General – End Closures shall conform with one of the following:	
4.2	Size	*
4.3	Security	*
4.4	Inaccessibility	*
4.5	Minimal protrusion	*
4.6	Air Flow	Fail – see comment
7	Identification	
	a) Name/Trade name of Supplier	Pass

KEY

* - This clause was evaluated to determine compliance with the standard. The pass criteria were not satisfied, therefore subsequent clauses were evaluated.

P = When evaluated, this sample passes the requirement of the standard, therefore no further tests are necessary.

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Specification: BS7272-1: 2008 - Safety Caps for Writing and Marking Instruments

Clause 3.3 Ventilated caps air flow

<i>Description</i>	<i>Width of tube used (mm)</i>	<i>% of tube to cap</i>	<i>Air flow in to cap (L/min)</i>	<i>Air flow out of cap (L/min)</i>
Brown cap	9	80.07	>12	>12
Red cap	9.5	84.37	>12	>12
Specification			8 minimum	8 minimum

Specification: BS7272-2: 2008 – Specification for End Closures for Writing and Marking Instruments

Clause 4.3 Security

The end closures were subjected to a force applied in line with the body of the writing or marking instrument using a three prong puller, and the following results obtained:

<i>Description</i>	<i>Force applied / Result</i>	
	10 N	50 N
Brown end cap	Did Not Detach	Detached
Red end cap	Did Not Detach	Detached

Clause 4.6 End closures air flow

<i>Description</i>	<i>Width of tube used (mm)</i>	<i>% of tube to end closure</i>	<i>Air flow in to end closure (L/min)</i>	<i>Air flow out of end closure (L/min)</i>
Brown end cap	7	80.18	0	0
Red end cap	7	80.00	0	0



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END OF REPORT

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