

REPORT NO.

TH10143E/2010

PAGE NO.

OF

DATE:

Aug. 27, 2010

PRO-LITE INTERNATIONAL LTD.

128, FU CHIANG ST., TAICHUNG, TAIWAN

The following merchandise was submitted and identified by the applicant as:

Product Description:

SEATPOST

Style/Item No.:

PELLEGRINO

Manufacturer/Vendor:

DARSON J&B ENT., CO., LTD.

Country of Origin:

TAIWAN

Sample Quantity:

1 pc

Sample Received Date:

Jan. 28, 2010

Test Period:

Jan. 29, 2010 ~ Aug. 24, 2010

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested:

For compliance with Clause 4.13.7.1 and Clause 4.13.7.3 of EN 14781:2005 Racing

bicycles - Safety requirements and test methods.

Test Methods:

According to Clause 4.13.7.2 and Clause 4.13.7.4 of EN 14781:2005 Racing bicycles -

Safety requirements and test methods.

Test Results:

(SEE ATTACHED SHEETS)

Conclusion:

In our opinion, the submitted sample(s) complied with Clause 4.13.7.1 and Clause

4.13.7.3 of EN 14781:2005 Racing bicycles - Safety requirements and test methods.

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Signed for and on behalf of SGS Taiwan Ltd.

Supervisor

Laboratory address: NO. 115, Youyuan N Rd., Lungjing, Taichung, Taiwan

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Test Result:

Clauses: Result

4.13.7 Seat-pillar — fatigue test

Conduct the test in two stages on the same assembly as follows:

4.13.7.1 Requirement for stage 1

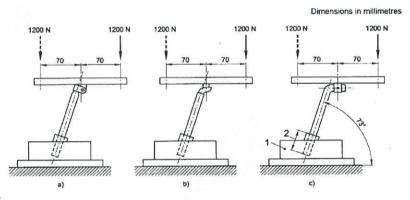
Pass

When tested by the method described in 4.13.7.2, there shall be no visible cracks or fractures in the saddle pillar, nor any bolt failure.

If the pillar is a suspension type, the design shall be such that in the event of failure of the suspension system, the two main parts do not separate nor does the upper part (i.e. the part to which the saddle would be attached) become free to swivel in the lower part.

4.13.7.2 Test method for stage 1

Figure:



Actual Finding:

Tost alausa		Test conditions	Y	Test Result (cycle)
Test clause	Force	Frequency	Cycles	Test Result (cycle)
Clause 4.13.7.2	1,200 N	3 Hz	100,000	100,000
Remark	There was no	visible crack on th	ne sample after t	esting.

1. Information of sample: Material (Carbon), Mass (232 g).

2. The tightening torque of the screws is 20 Nm, insertion depth is 90 mm.

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Test Result:

Clauses:

4.13.7 Seat-pillar — fatigue test

Result

4.13.7.3 Requirement for stage 2

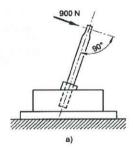
Pass

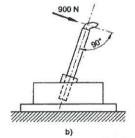
When tested by the method described in 4.13.7.4, there shall be no visible cracks or fractures in the saddle pillar, nor any bolt failure.

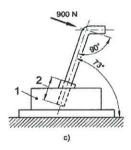
If the pillar is a suspension type, the design shall be such that in the event of failure of the suspension system, the two main parts do not separate nor dose the upper part (i.e. the part to which the saddle would be attached) become free to swivel in the lower part.

4.13.7.4 Test method for stage 2

Figure:







Actual Finding

Test clause	Test conditions			Test Result	
	Force	Frequency	Cycles	(cycle)	
clause 4.13.7.4	900 N	3 Hz	100,000	100,000	
Remark	There was no visible crack on the sample after testing.				

1. Information of sample: Material (Carbon), Mass (232 g).

2. The tightening torque of the screws is 20 Nm, insertion depth is 90 mm.

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