



TEST REPORT

NO.: A002T12052253-1R01

Date: May. 28, 2012

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Customer: Powerslide Gmbh.

Address: Esbachgraben 3 - 95463 Bindlach - Germany

Report on the submitted sample said to be

Sample name: Rutscherla II

Model: P S-Ice-01

Item/Lot No.: 902180

Material: Steel & TPU

Buyer: Powerslide Gmbh.

Supplier: Powerslide Sports MFG.Co.,LTD.

Manufacturer: Powerslide Sports MFG.Co.,LTD.

Country of Origin: China

Country of Destination: European Union

Labeled Age Grading: 0-14 years old

Sample received date: May. 22, 2012

Testing period: From May. 22, 2012 to May. 28, 2012

Testing Requested:

For compliance with the European Standard EN 15638:2009:

--- Ice skates - Safety requirements and test methods

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Signed for and on behalf of

Shenzhen AOV Testing Technology Co., Ltd, Kunshan Branch

Project Leader: Winnie

Yin Ying, Winnie
Physics Test Director

Reviewed by: Weikin

Wang Wei Xin, Weikin
Technical Director

Approved by: Mickey

Yuan Qi, Mickey
Lab Manager

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Test Results:

Test summary			
Section	Description	Result remark	Result
4	Design		--
4.1	General		Pass
4.2	Requirements for design		--
4.2.1	Connection of the runner to the boot		Pass
4.2.2	Attachment of the blade in the blade holder	The blade no loosens and no disconnects.	Pass
4.2.3	Linearity of the runner	The runner of the ice skate shall not have a deviation from linearity of more than 0.5mm over a length of 150mm.	Pass
4.2.4	Position of the runner	Any part of the runner shall not protrude over the toe cap of the boot by more than 15% of the sole length .	Pass
4.2.5	Impact resistance	The requirement is considered to be fulfilled if the correct functioning of the ice skate is not impeded by any breaking,disconnection loosening of the runner after the tests specified in clause 5.	Pass
4.2.6	Surface condition	All protruding components and edges on the ice skate which can come into contact with body parts during normal use shall be deburred or shall be designed so as to prevent any injuries	Pass
4.2.7	Condition of the blade		Pass
4.2.7.1	Hardness	The blade shall depth of at least 2.5mm,the hardness value shall at least 52HRC on all hardening depth.	Pass
4.2.7.2	Grinding	The blade shall be grinded so as to be function.	Pass
4.2.7.3	Teeth		Pass
4.2.7.4	Shape of blade end	The end of the blade shall either be rounded or shaped in such a manner that there is no angle smaller than 90° .	Pass
4.2.7.5	Thickness	The blade shall have a thickness of at least 2.8mm.	Pass
5	Testing		Pass
5.1	General	The test condition temperature is 25℃, and humidity is 55%.	Pass
5.4	Connection of the runner to the boot	A quasi-static tensile force is applied at a speed of 110mm/min up to a tensile force of 2000N, no deformation found.	Pass
5.5	Resistance against impact loads		--

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Test summary			
Section	Description	Result remark	Result
5.5.1	Conditioning	Test start within 1min after the ice skate has been removed from the -20°C.and shall be concluded with 5min.	Pass
5.5.2	Lateral impact onto the blade	The ice skate shall be impacted laterally with the entire runner and with an energy of 25J and an impact velocity of 2.5m/s onto a rubber plate of a hardness of 75 shore A an absorbing surface of 300mX50mm, no broken found.	Pass
5.5.3	Frontal impact onto the blade tip and end	The ice skate shall be impacted in the forward direction three times onto the front tip of the blade and three times onto the blade end with an energy of 50J and an impact velocity of 4m/s against a rubber plate of a hardness of 75 shore A an absorbing surface of 300mX50mm, no broken found.	Pass
5.6	Hardess of the runner		Pass
6	Marking	Each ice skate shall be legibly and durably marked with the follwing information: a:the number of this standard, b:the name ,trademark or other means of identification of the manufacturer or retailer, c:means of identification of the model. d:the boot size, e:information on material identification of the boot.	Pass
7	Information supplied by the manufacturer		--
7.1	General		Pass
7.2	Contents		Pass
7.2.2	Information about the construction of the ice skate		Pass
7.2.3	Instruction for use		Pass
7.2.4	Servicing and maintenance instructions		Pass

Note:

-Photo is included

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Photograph of Sample



Rutscherla II

End of Report