

## SAFETY AND COMPLIANCE TESTING FOR SURESTOP

<b>Tested Sample(s)</b>	: Bicycle Brake Pads
<b>Brand</b>	: SureStop
<b>Model</b>	: SureStop Brakes
<b>Color</b>	: Not Specified
<b>Size</b>	: Not Specified
<b>Vendor P/N</b>	: Not Specified
<b>Country of Origin</b>	: Not Specified
<b>Age Grading</b>	: Not Specified
<b>Children's Product</b>	: Not Specified

Prepared For:

**SureStop**  
8F-2, No. 77 Shizeng N. 1<sup>st</sup> Road  
Taichung, Taiwan



**Issue Date: 08 May 2015**

**Final Report: 659.0001.USA**

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## CONCLUSION

<b>(659.0001) – SureStop, SureStop Brakes</b>		
<b>Purpose of Test -</b> Each test performed is intended to check compliance with the following:	<b>Result</b>	<b>Comment</b>
CPSC 16 CFR 1512 – Requirements for Bicycles – Section 5 Requirements for Braking System	C	

President,

**John A. Bogler**

### SAMPLE IDENTIFICATION

<b>Brand:</b>	SureStop	<b>Job No.:</b>	659.0001
<b>Model Name:</b>	SureStop Brakes	<b>Sample ID No.:</b>	659.0001.001
<b>Vendor Name:</b>	SureStop	<b>Type:</b>	Bicycle Brake Pads
<b>Vendor P/N:</b>	Not Specified	<b>Size (c):</b>	Not Specified
<b>Manufacturer:</b>	Not Specified	<b>Color(s):</b>	Not Specified
<b>Manufacturer P/N:</b>	Not Specified	<b>Weight (g):</b>	Not Specified
<b>Serial No.:</b>	Not Specified	<b>Country of Origin:</b>	Not Specified





**DATE AND PLACE OF TEST**

Sample(s) received on : 28 January 2014  
Testing was initiated on : 31 January 2014  
Testing was completed on : 31 January 2014  
Testing was performed at : Taicang ACT Sporting Goods Testing Co., Ltd.  
Taicang City, Suzhou, Jiangsu Province, China

**TEST METHODS**

Method for each test conducted is as follows:

- CPSC 16 CFR 1512 test was performed according to the CPSC Bicycle Compliance Test Manual (1976) Requirements for Bicycles standard
  - Section 1512.5 Requirements for Braking System

**TEST RESULTS**

<p><b>C:</b> Compliant; Product meets specified standard  <b>NC:</b> Non-Compliant; Product does not meet specified standard  <b>NA:</b> Not Applicable to this design  <b>NR:</b> Not Requested by the Applicant  <b>NP:</b> Not Present</p>	<p><b>ND:</b> None Detected  <b>IC:</b> Inconclusive  <b>NT:</b> Not Tested  <b>FTR:</b> Further Testing Recommended  <b>PPM:</b> Parts Per Million  <b>*:</b> See Comments</p>
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**CPSC 16 CFR 1512: BICYCLE TEST**

CPSC 16 CFR 1512			
Ref. #	Test Description	Result	Observations and Notes
1512.5	REQUIREMENTS FOR BRAKING SYSTEM		
5(a)	Braking System	C	
5(b)	Handbrakes - 1512.18 (d)(2)(i), (iii)	C	
5(b)(1)	Stopping Distance - 1512.18 (d)(2)(v)	C	
5(b)(2)	Hand Lever Access	C	
5(b)(3)	Grip Dimension	C	
5(b)(4)	Attachment - 1512.18 (d)(2)(iii)	C	
5(b)(5)	Operating Force	C	
5(b)(6)	Pad and Pad Holders - 1512.18 (d)(2)(iii)	C	
5(b)(7)	"Reserved"	NA	
5(b)(8)	Hand Lever Location	C	
5(b)(9)	Hand Lever Extensions	NA	
5(c)	Footbrakes - 1512.18 (e)(2)	C	
5(c)(1)	Stopping Distance - 1512.18 (e)(3)	C	
5(c)(2)	Operating Force	C	
5(c)(3)	Crank Differential	C	
5(c)(4)	Independent Operation	C	
5(d)	Footbrakes and Handbrakes - 1512.5 (c)	C	
5(e)(1)	Sidewalk Bicycles shall not have handbrakes only	C	
5(e)(2)	Sidewalk Bicycles seat height > 560 mm - 1512.5 (c), 1512.18 (f)	C	
5(e)(3)	Sidewalk Bicycles seat height < 560 mm - 1512.18 (f)	C	

CPSC 1512.5 Requirements for Braking System						
Sample	Conditions	Run	Speed (RPM)	Speed (Km/hr)	Stopping Distance (m)	Corrected Distance (m)
AA10166	Dry Front & Rear Brakes	1	130.0	16.1	1.93	1.72
		2	132.0	16.3	2.26	1.98
		3	131.0	16.2	2.01	1.77
		4	132.0	16.3	2.16	1.88
		<b>AVERAGE</b>	<b>131.25</b>	<b>16.3</b>	<b>2.09</b>	<b>1.84</b>

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**END OF REPORT**