

## TEST REPORT

Report No.: HC80219A/2016  
Page: 1 of 9  
Date: September 6, 2016

SHOCKINDICATOR ENTERPRISE CO., LTD.  
2F., NO.64, LANE 156,  
FUDE 2<sup>ND</sup> RD., XIZHI DIST.,  
NEW TAIPEI CITY, TAIWAN

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

Product Description: Detection of Shockindicator and Tiltindicator  
Style/ Item No.: 25G Shockindicator (Yellow Label)/ No.1 ~ No.5;  
37G Shockindicator (Purple Label)/ No.1 ~ No.5;  
50G Shockindicator (Red Label)/ No.1 ~ No.5;  
75G Shockindicator (Orange Label)/ No.1 ~ No.5;  
100G Shockindicator (Green Label)/ No.1 ~ No.5;  
Tiltindicator/ No.1

Manufacturer/ Vendor: Shockindicator Enterprise Co., Ltd.

Country of Origin: Taiwan

Quantity: Total 26 pieces

Testing Period: Aug. 29, 2016

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

Test Required: (According to client's test specification, please see following sheets in detail.)

1. Drop Test
2. Tilt Test

Test Results: – PLEASE SEE ATTACHED SHEETS –

\*HC80219/2016, dated on September 5, 2016, is hereby canceled and replaced by HC80219A/2016.

Signed for and on behalf of  
SGS TAIWAN Ltd.



Hank Chiou  
Supervisor

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## 1. Drop Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Drop Tester	King Design	KD-128A	WR112197097

### Lab Environmental Conditions:

Ambient temperature:  $(25 \pm 3) \text{ }^\circ\text{C}$

Ambient humidity:  $(55 \pm 20) \% \text{ RH}$

### Test Method/ Specification:

Sample condition: Stick with wooden box

Carton size: (1) L: 600 mm W: 500 mm H: 500 mm

(2) L: 450 mm W: 280 mm H: 330 mm

Wooden Box Weight: (1) 40 kg

(2) 20 kg

Drop height: 30 cm, 40 cm, 60 cm, 90 cm, 120 cm

Test surface: Steel plate of 1cm thickness

- Examine whether the indicator of specimen(s) could be change color or not after this test.

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**Specimen:**

Style/ Item No.: 25G Shockindicator (Yellow Label)/ No.1 ~ No.5;  
37G Shockindicator (Purple Label)/ No.1 ~ No.5;  
50G Shockindicator (Red Label)/ No.1 ~ No.5;  
75G Shockindicator (Orange Label)/ No.1 ~ No.5;  
100G Shockindicator (Green Label)/ No.1 ~ No.5

Quantity: Total 25 pieces

**Test Result:**

Check Item		Whether the indicator of specimen change color or not?	Note
Style/ Item No.	Drop Height		
25G Shockindicator (Yellow Label)/ No.1	30 cm	Yes (See photo 8)	Wooden Box (1)
25G Shockindicator (Yellow Label)/ No.2		Yes (Same as photo 8)	
25G Shockindicator (Yellow Label)/ No.3		Yes (Same as photo 8)	
25G Shockindicator (Yellow Label)/ No.4		Yes (Same as photo 8)	
25G Shockindicator (Yellow Label)/ No.5		Yes (Same as photo 8)	
37G Shockindicator (Purple Label)/ No.1	40 cm	Yes (See photo 10)	Wooden Box (1)
37G Shockindicator (Purple Label)/ No.2		Yes (Same as photo 10)	
37G Shockindicator (Purple Label)/ No.3		Yes (Same as photo 10)	
37G Shockindicator (Purple Label)/ No.4		Yes (Same as photo 10)	
37G Shockindicator (Purple Label)/ No.5		Yes (Same as photo 10)	

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Test Result--Continued:

Check Item		Whether the indicator of specimen change color or not?	Note
Style/ Item No.	Drop Height		
50G Shockindicator (Red Label)/ No.1	60 cm	Yes (See photo 12)	Wooden Box (2)
50G Shockindicator (Red Label)/ No.2		Yes (Same as photo 12)	
50G Shockindicator (Red Label)/ No.3		Yes (Same as photo 12)	
50G Shockindicator (Red Label)/ No.4		Yes (Same as photo 12)	
50G Shockindicator (Red Label)/ No.5		Yes (Same as photo 12)	
75G Shockindicator (Orange Label)/ No.1	90 cm	Yes (See photo 14)	Wooden Box (2)
75G Shockindicator (Orange Label)/ No.2		Yes (Same as photo 14)	
75G Shockindicator (Orange Label)/ No.3		Yes (Same as photo 14)	
75G Shockindicator (Orange Label)/ No.4		Yes (Same as photo 14)	
75G Shockindicator (Orange Label)/ No.5		Yes (Same as photo 14)	
100G Shockindicator (Green Label)/ No.1	120 cm	Yes (See photo 16)	Wooden Box (2)
100G Shockindicator (Green Label)/ No.2		Yes (Same as photo 16)	
100G Shockindicator (Green Label)/ No.3		Yes (Same as photo 16)	
100G Shockindicator (Green Label)/ No.4		Yes (Same as photo 16)	
100G Shockindicator (Green Label)/ No.5		Yes (Same as photo 16)	

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## 2. Tilt Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Level Meter	NIIGATA	LM90	001

### Lab Environmental Conditions:

Ambient temperature:  $(25 \pm 3) ^\circ\text{C}$

Ambient humidity:  $(55 \pm 20) \% \text{RH}$

### Test Method/ Specification:

Test method: Lean the specimen then measure and record the angle while the tiltindicator change color.

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**Specimen:**

Style/ Item No.: Tiltindicator/ No.1

Quantity: Total 1 piece

**Test Result:**

Style/ Item No.	Check Item	Angle
	<u>Tiltindicator/ No.1</u>	80°

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Test Photos:

	
<p>1. Appearance of specimen: 25G Shockindicator (Yellow Label)</p>	<p>2. Appearance of specimen: 37G Shockindicator (Purple Label)</p>
	
<p>3. Appearance of specimen: 50G Shockindicator (Red Label)</p>	<p>4. Appearance of specimen: 75G Shockindicator (Orange Label)</p>
	
<p>5. Appearance of specimen: 100G Shockindicator (Green Label)</p>	<p>6. Appearance of specimen: Tiltindicator</p>

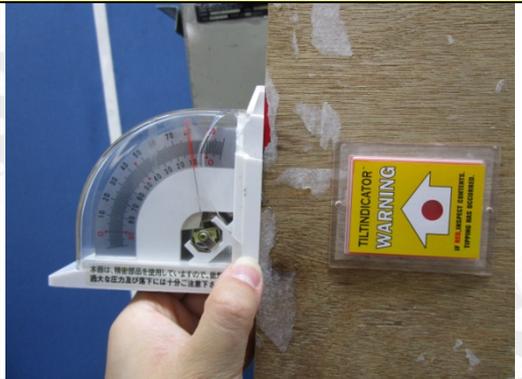
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Test Photos--Continued:

	
<p>7. Drop Test: 25G Shockindicator (Yellow Label)</p>	<p>8. Appearance of specimen after Drop Test: 25G Shockindicator (Yellow Label)</p>
	
<p>9. Drop Test: 37G Shockindicator (Purple Label)</p>	<p>10. Appearance of specimen after Drop Test: 37G Shockindicator (Purple Label)</p>
	
<p>11. Drop Test: 50G Shockindicator (Red Label)</p>	<p>12. Appearance of specimen after Drop Test: 50G Shockindicator (Red Label)</p>

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Test Photos--Continued:

	
<p>13. Drop Test: 75G Shockindicator (Orange Label)</p>	<p>14. Appearance of specimen after Drop Test: 75G Shockindicator (Orange Label)</p>
	
<p>15. Drop Test: 100G Shockindicator (Green Label)</p>	<p>16. Appearance of specimen after Drop Test: 100G Shockindicator (Green Label)</p>
	
<p>17. Tilt Test</p>	<p>18. Appearance of specimen after Tilt Test: Tiltindicator</p>

— — — The End of Test Report — — —

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