

**Sunheng Technology Co., Ltd.**

No.88, Ln. 211, Taiming Rd., Wuri Dist., Taichung City 414, Taiwan (R.O.C.)

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

Product Description: Digital Torque Wrench

Style/Item No.: SH-DGTQ

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

**Test Requested:**

Vibration test

**Test Methods:**

Turn on the power switch then secure the sample on the wooden plate, fixed all set on the vibration testing machine which is comply with ASTM D999. Carry out for 60 minutes with a rate of 240 CPM. Check the function of sample whether damage or not.

Examined was the torque value on 50, 100, 150, 200, 250 and 300 N-m after vibration test.

**Test Results:**

No visual damage was found after testing, the detail of torque value is show in annex.

**Received Date:** AUG. 15, 2011

**Testing Period:** AUG. 15, 2011 ~ AUG. 19, 2011

Signed for and on behalf of  
SGS Taiwan Ltd.



Benson Liao  
Asst. Manager

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**Annex:**

Torque check/ After vibration test

Sample	Reading (N-m)	Standard (N-m)	Deviation (N-m)	Deviation (%)
Digital Torque Wrench (Clockwise)	50	49.68	0.32	0.64
	100	99.57	0.43	0.43
	150	149.38	0.62	0.41
	200	199.41	0.59	0.30
	250	249.28	0.72	0.29
	300	299.14	0.86	0.29
Digital Torque Wrench (Counterclockwise)	50	49.90	0.10	0.20
	100	99.56	0.44	0.44
	150	149.18	0.82	0.55
	200	198.91	1.09	0.55
	250	248.57	1.43	0.57
	300	298.14	1.86	0.62

**Test Equipment:**

Standard Arm (5pcs)  
 Torque Tester (CDI/ 5000-3 SERIES)  
 Torque Tester (NORBAR/ TST SERIES)  
 Dead Weight (CHUN CHY F1-20 kg)

– Picture(s) –



Photo "A" : Appearance of the sample



Photo "B" : Test setup

--- End of Report ---

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