

(Garuda Sign)

Central Office of Measurement

With the rules How and when to test a spring prototype test.

B.E. 2551

The springs produced or imported into the Kingdom are permanently Not a fraudulent hand. It is therefore appropriate and necessary to have a prototype test. Spring courtesy of the rules Procedures and conditions as determined by the Central Office of Measurement.

By virtue of Section 6 (5) of the Measurement Act, BE 2542 and Clause 9 of the Ministerial Regulations prescribing a measure in force under section The measure of the year 1999 type characteristics of the materials used. The rate is absent and Certification of measurement equipment and criteria and procedures for registration. Unique 2003, which contains certain provisions regarding the limitation of rights and freedoms. Of the person in Section 29, in conjunction with Section 32, Section 33, Section 41 and Section 43. Of the Constitution of the Kingdom of Thailand Acting By virtue of the provisions of the provisions. Of the Director-General of the Department of Internal Trade The regulations are as follows.

Clause 1. This Regulation called. "Central Office of Measurement With the methodology And the test of spring prototype test 2008 "

Clause 2 This Regulation shall enter into force upon The deadline is ninety days from the day following the announcement. In the Government Gazette.

Clause 3 of this Regulation

"Spring prototype" means a prototype or prototype of a spring plant.

Or imported into the Kingdom by Model The power rating of the manufacturer or importer of the springs.

Clause 4 of the Internal Trade Department is in charge of this Rule

Category 1

Examination of the characteristics

Clause 5 In case deemed necessary, staff officer. Run the test Spring prototype Ready for review and approval by model and by coordinates. Two machines

Clause 6 prototype testing tools shut the Spring, according to the guidelines. How and where Specification consists of a physical examination. Standardized Testing Yong and the test Permanence

Clause 7 to determine the characteristics of the metal the computer shuts Spring follows .

(1) The display section must show the name or symbol of the unit used in the show.

(2) clause The watch face must be pronounced. Width of section mark Must not be larger than the space between paragraphs. And the space between clauses must have space. Not less than 1 millimeter

(3) The clause zero and the clause expressing the maximum power rating shall be spaced apart. Not less than 2 centimeters With heavy needles

(4) There is a dial on the dashboard attached to the unit by the end of the dial. For Imprint Certifying

(5) Needle. The weight ratio must be as long as the maximum range. The width is approximately equal to the width of the clause. And in a way Will be the meaning of clause The needle tip must be spaced from the plane of the section not exceeding 5 mm.

(6) Springs must have a seal or display device. Confirmation to preventmodification after modification.

(7) Springs with side plates. Must be able to protect nature. Opening the lid on the side Using a small wire, the end cap secures the lid to the side of the two sides. With the springs spring

(8) Spring plate with steel plate on top. Spring section The center must be permanently attached to the springs. Can not spin loose

(9) Needle hub. The weight must be firmly attached to the needle and the weight.

Use a peg to tighten the pins together with the needle. The weight ratio gives the needle a weight ratio. Loose

Clause 8. The computer shuts Spring requires the following details on the computer Spring must prevail. It must be easy to read, clear and easy to read.

- (1) name or trademark of the manufacturer; Or importer
- (2) The model, which describes the design of the springs.
- (3) Serial Number (if applicable)
- (4) spring power rating
- (5) Identification

Section 2

Standardized test

Clause 9 test standards Yong Cheng Á Á your computer to shut Á the spring to be tested. Pulse oscillation Ë Weight Testing the ability to test the ability to repetitive. And weight testing at various positions as required.

Clause 10 Test your swing pointer Ë Ë weight ratio conductors. Test by adjusting the knob. The weight of the dials on each side shall be zero and the weight of the dials shall be zero. Have a heavy rate Is equal to the power rating of the machine Spring on Chay's tray (Weight gain) weight ratio Must be in good working condition without interruption. Cheng Yong

Clause 11 The test method for testing the following.

(1) Adjust the knob. The weight of the dials on each side is zero and the knob The weight of the tray on the tray. Accordingly, the weighting rates prescribed in Table

Table 1

	Spring power rating						
	1 kg	3 kg	7 kg	15 kg	20 kg	35 kg	60 kg
Tested weight	○ 200 g	○ 500 g	○ 1 kg	○ 3 kg	○ 3 kg	○ 5 kg	○ 5 kg
	500 g	1 kg	2 kg	5 kg	5 kg	10 kg	10 kg
	1 kg	2 kg	5 kg	10 kg	10 kg	20 kg	20 kg
	○	3 kg	7 kg	12 kg	15 g	30 kg	40 kg
		○	○	15 kg	20 kg	35 kg	60 kg
			○	○	○	○	○

(2) The display of the value on each dashboard must not exceed the value of the diagonal. The unpaid rate for the approval of both parties and minorities is shown in Table A2.

The difference in display between the two dials Not exceeding the absolute value of The remaining rate for each test weight test is shown in Table 2.

Table 2

Power coordinates	Verification (e)	Weight Tested .	Allowance for certification	Allowance for inspection
1 kg	5g	Up to 250 g	2.5 g.	5g
		More than 250 g.	5g	10g
3 kg	10g	Up to 500 g	5g	8g
		More than 500 g.	10g	15 g.
7 kg	20g	Up to 1 kg	10g	15 g.
		More than 1 kg up	20g	30 g.
15 kg	100 g	Up to 2.5 kg	25g	38g
		More than 2.5 kg up	50 g	75 g
20 kg	100 g	Up to 2.5 kg	25g	38g
		More than 2.5 kg up	50 g	75 g

35 kg	100 g	Up to 5 kg	50 g	75 g
		More than 5 kg up	100 g	150 g
60 kg	200 g	Up to 10 kg	100 g	150 g
		More than 10 kg up	200 g	300g

Clause 12 the test can be a true test of the globe by adjusting the pointer weight ratio conductors. Every face on the dial display zero. And put the weight on the center of the tray. Based on the weighting as set out in Table 3, place three The difference of the show The value on each dashboard must be no more than the absolute value of the unpaid rate for certification. Of the tested weight according to table 3

Table 3

Power coordinates	Repeatability test		
	Ability testing Test weight Put three	Allowance for certification	Allowance for inspection
1 kg	200 g	2.5 g.	5g
3 kg	1 kg	10g	15 g.
7 kg	2 kg	20g	30 g.
15 kg	5 kg	50 g	75 g
20 kg	5 kg	50 g	75 g
35 kg	10 kg	100 g	150 g
60 kg	20 kg	200 g	300g

Clause 13 Test the hard place locally. Various positions Test as follows.

(1) Adjust the knob. The weight of the dials on each side is zero and the knob Weight according to the rate specified in Table 4 on the tray at various positions. As follows

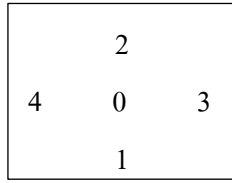


Figure 1 Tray of Asian style tray

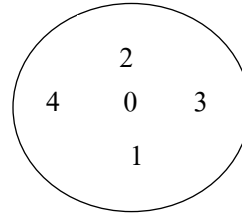


Figure 2 Tray of circular tray

(2) displaying the value on each dial at the weight Each location must have The rate of error shall not exceed the unacceptable rate for the assurances given in Table 4.\

(3) Difference of display on each dial during weighting. At midpoint (position 0) with various positions. (Position 1,2,3, or 4) on the tray must not exceed The absolute value of the unpaid rate for certification is given in Table 4

Table 4

Power coordinates	Weight test at various positions		
	Test weight	Allowance for certification	Allowance for inspection
1 kg	200 g	2.5 g.	5g
3 kg	1 kg	10g	15 g.
7 kg	2 kg	20g	30 g.
15 kg	5 kg	50 g	75 g
20 kg	5 kg	50 g	75 g
35 kg	10 kg	100 g	150 g
60 kg	20 kg	200 g	300g

Category 3
Durability testing

Clause 14 test durability to the computer to shut d Springsteen tested. Standard Yong to test the permanence with the computer. To lift - put heavy weight. Not less than The test is based on the Test Table 5

Table 5

Coordinates	1 kg	3 kg	7 kg	15 kg	20 kg	35 kg	60 kg
Test weight	500 g	2 kg	5 kg	10 kg	10 kg	20 kg	20 kg

Clause 15 testing standards comparable. Yong Behind Permanent Testing By applying a sprinkler system that has passed the permanent test specified in clause 14 no later than six hours. To test the standard of compliance under clause 9 to clause 13, with the remaining unpaid rates for inspection

Clause 16. The computer shuts d Springsteen test standards Yong Cheng Á under Clause 9 and Clause 13.Durability test in accordance with Clause 14 and standard test. Yong after the test.

Persistent in accordance with clause 15, it shall be deemed to be a springboard tested.

Clause 17 Staff Officer Result of prototype testing tools Spring must prevail.According to the power rating model of the machine Spring Festival Tested for the manufacturing business. Or business operatorImport springtime knows within seven business days from the date of the test.

Given on the 18th Day of March B.E. 2551

(Yanyong Phuangrach)
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