

(Garuda Sign)

Central Office of Measurement

With regard to the rules, procedures and conditions for inspection and certification of springs the licensee is the inspector and the sponsor of the springs.

B.E. 2550

To provide a systematic monitoring and approval of business operators. To be licensed as an inspector and to make a testimonial, the springs can be inspected. And make sure that the springs are produced properly and standard. Direct benefit To protect consumers.

By virtue of the provisions of Section 6 (5) and Section 42 of the Measurement Act BE 2542 (1999) which contains certain provisions regarding restriction of rights. And the freedom of the person in Section 29, in conjunction with Section 32, Section 33, Section 41 and Section 43. The Constitution of the Kingdom of Thailand provides for the exercise of power under the provisions of the Constitution. 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 rules Procedures and conditions for verification and certification The springs of the licensee are Inspector and Sponsor of Spring 2550 (2007)"

Clause 2 This Regulation shall enter into force on the day following the date of its publication in the Government Gazette.

Clause 3 In this mess

“Licensee” mean The licensee inspects and certifies the spring scales they manufacture.

Clause 4 The Director-General of the Department of Internal Trade shall have charge and control of this regulation.

Category 1

Examination of the characteristics of the springs.

Clause 5 The licensee shall determine the nature of the metal. And check the accuracy of Springs in accordance with the method prescribed before the spring

Clause 6 Licensee must check the general appearance of spring scales as 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 mark The clause must not be larger than the space between the clause. And the space between the clauses must have. Spacing of not less than 1 millimeter.

(3) Clause zero and clause Display the maximum power rating required. Not less than 2 cm apart and must not be With heavy needles

(4) There is a dial on the dashboard attached to the unit by the end of the dashboard. It is up for the 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 Clearly, the tip of the needle must be spaced from the plane of the clause not to exceed 5 millimeter.

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

(7) spring A cover plate with a side. Must be able to look. Prevent the opening of the lid on the side using a wire. The head of the fixing screw secures the lid to the side of the two sides. With the springs spring.

(8) Spring plate with steel plate on the top. Center part Must be permanently attached to the springs. Cannot 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 7 The licensee must check the stamp or details. The following is to be read on the spring.

- (1) name or trademark of the manufacturer.
- (2) The model, which describes the design of the springs.
- (3) Identification number assigned to the staff member and stamped

Or show Tray of receipt.

- (4) Power coordinates of spring scales.
- (5) Unique mark.

Category 2

Inspecting the spring system

Clause 8 Monitoring of Cheng Yong the computer shuts Spring to test the swing. Weight ratio Weight test Ability testing and testing Place the weight at various positions as required.

Clause 9 Test your swing pointer 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 section), then test to see if the needle The weight ratio must be maintained in good working condition without interruption.

Clause 10 lays test conductors weight. Test as follows.

(1) Adjust the needle point indicator on all sides to zero. And put the weight scale on the weighing tray. According to the order of the weight rates as prescribed in Table 1

	Power coordinates of spring scales						
	1 kg.	3 kg.	7 kg.	15 kg.	20 kg.	35 kg	60 kg.
Weight ratio	0	0	0	0	0	0	0
	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.
	0	3 kg.	7 kg.	12 kg.	15 g.	30 kg.	40 kg.
		0	0	15 kg.	20 g.	35 kg.	60 kg
			0	0	0	0	0

(2) The display of the value on each dashboard must not exceed the value of the diagonal. The unpaid rate for both parties is as follows: Table 2

The difference between the display values between the two dials must not exceed the absolute value of The weighted average of each weight tested under Table 2

Coordinates	Section Value Section Verification (e)	Test weight	The rate of return is absent. For the affirmation
1 kg	5g	Up to 250 g	2.5 g.
		More than 250 g.	5g
3 kg	10g	Up to 500 g	5g
		More than 500 g.	10g
7 kg	20g	Up to 1 kg	10g
		More than 1 kg up	20g
15 kg	100 g	Up to 2.5 kg	25g
		More than 2.5 kg up	50 g
20 kg	100 g	Up to 2.5 kg	25g
		More than 2.5 kg up	50 g
35 kg	100 g	Up to 5 kg	50 g
		More than 5 kg up	100 g
60 kg	200 g	Up to 10 kg	100 g
		More than 10 kg up	200 g

Clause 11 The test can be done globe. Test by adjusting the weight ratio. Every face on the dial display zero. And put the weight on the center of the tray. According to the weight Define in table 3, place three Display on each dial Must not exceed the absolute value of the unladen rate of the tested substance. According to Schedule 3

Table 3

Coordinates	Ability testing	
	The weight of the test is three.	The absolute value of the remaining rate is absent
1 kg	200 g	2.5 g.
3 kg	1 kg	10g
7 kg	2 kg	20g
15 kg	5 kg	50 g
20 kg	5 kg	50 g
35 kg	10 kg	100 g
60 kg	20 kg	200 g

Clause 12 Weight test at various positions Test the following methods.

(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

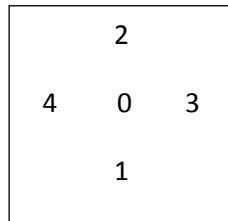


Figure 1 Tray of Asian style tray

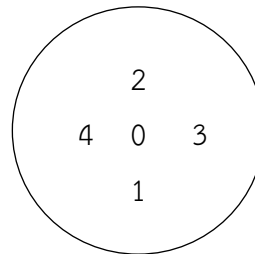


Figure 2 Tray of circular tray

(2) displaying values on each dial When placing weight at each position must have. The rate of error shall not exceed the rate specified 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. Exceeds the absolute value of the unpaid rate in Table 4

Table 4

Coordinates	Weight test Various positions	
	Weight Tested	Missing part
1 kg	200 g	2.5 g.
3 kg	1 kg	10g
7 kg	2 kg	20g
15 kg	5 kg	50 g
20 kg	5 kg	50 g
35 kg	10 kg	100 g
60 kg	20 kg	200 g

Clause 13 Spring balances of the type and description specified in Clause 6, Clause 7 and tested under Clause 9, Clause 10, Article 11 and Clause 12 shall be considered as spring-loaded scales..

Category 3
Certification

Clause 14 The licensee shall affix or display the test mark in accordance with Model. 104 at the spring scales in accordance with clauses 6 and 7. and have been inspected for the quality of the springs. Springs in accordance with Section 2, only by stamp or display the certificate on the protected position. Modification or modification of the springs.

Clause 15 the licensee shall issue a priority. Show Certificate of Authenticity
The measure is as follows.

(1) Use of important books. Show proof of measurement

In accordance with Form 108, the licensee must register the use of the Certificate of Independence. The measurement of the number, serial number, and number of important books. The certification of the measuring equipment must be accurate, complete, and on a daily basis. Check and give assurances.

(2) In the case of the certificate of significance of the certificate of measurement In accordance with Model 106, the licensee must proceed as follows.

(A). Provide details of the Certificate of Authenticity. All measurements are accurate and accurate

(B) Sign the Certificate of Criteria for Certification of Measurement Equipment.

(C) Immediately affix the date of inspection and give the letter of confirmation. Assignment All measurements must be accurate and complete.

Clause 16. The report of the audit and certification tools. Spring style CHS 007 at the end of this regulation. Then notify your central office or branch office with the results report. The work of the licensee is to inspect and certify the measuring equipment in accordance with the regulations. Central Office of Measurement That the licensee's performance report is audited. And make the testimonial measure measure 2006, dated January 27, 2006.

Given on the 23th Day of November B.E. 2550

Yanyong Phuangrach

(Yanyong Phuangrach)

Director-General Department of Internal Trad