

RULE OF THE CENTRAL BUREAU OF WEIGHTS AND MEASURES

ON THE PRESCRIPTION OF THE RULES, PROCEDURE AND CONDITIONS OF INSPECTION OF A FUEL DISPENSER IN SERVICE STATION OF A LICENSE HOLDER TO BE AN INSPECTOR OF A FUEL DISPENSER IN SERVICE STATION

B.E. 2551 (2008)

In order to ensure that a license holder to be an inspector of a fuel dispenser in service station is able to inspect a fuel dispenser in service station appropriately and systematically:

By virtue of sections 6(5) and section 42 of the Weights and Measures Act B.E. 2542 which is the Act containing certain provisions in relation to the restriction of rights and liberties of a person, in respect of which section 29 in conjunction with section 32, section 33, section 41 and section 43 of the Constitution of the Kingdom of Thailand so permit by the virtue of law, the Director-General of the Department of Internal Trade shall hereby issues the rules as follows:

Clause 1. This Rule is called the “Rule of the Central Bureau of Weights and Measures on the prescription of the rules, procedure and conditions of inspection of a fuel oil dispenser in service station of a license holder to be an inspector of a fuel dispenser in service station B.E. 2551 (2008)”.

Clause 2. This Rule shall come into force as from the day following the date of its publication in the Government Gazette.

Clause 3. The Director-General of the Department of Internal Trade shall have change and control of the execution of this Rule.

CHAPTER I

INSPECTION OF THE CHARACTERISTICS OF FUEL DISPENSER IN SERVICE STATION

Clause 4. Inspection of the characteristics of fuel dispenser in service station shall be made in relation to a unique mark, name or trademark, model, serial number, production year, minimum measured quantity, minimum flow rate, maximum flow rate, minimum and maximum pressure, range of temperature measured, type of product used, displaying part, printing part, component device, associated measuring device, dispensing pipeline, valve of every dispenser. In the case where it is not correct or complete, the following step shall not be proceeded.

CHAPTER II

INSPECTION OF THE ACCURACY OF FUEL DISPENSER IN SERVICE STATION

Clause 5. In regard to the inspection of a fuel dispenser in service station with the prescribed flow rate, the accuracy tested in comparison to measuring tank under the capacity of 5 liters, 20 liters and 50 liters, the deviation shall not exceed the prescribed maximum permissible error as follows and it shall pass the test:

Tested quantity	Flow rate	maximum permissible error
5 liters	Approximately 5 liter per minute or minimum flow rate	+/- 15 milliliter
20 liters	Approximately 20 liter per minute	+/- 60 milliliter
50 liters	Approximately 50 liter per minute	+/- 150 milliliter

Clause 6. In regard to inspection of a fuel dispenser in service station with the flow rate as prescribed, accuracy of the minimum measured quantity when compared to a measuring tank with scale marks, capacity shall equal the minimum measured quantity of fuel dispenser and the deviation shall not exceed the maximum permissible error as follows, in such case it shall pass the test:

Tested quantity (V)	Flow rate	Maximum permissible error
0.02 to 0.1 liter	Minimum flow rate	+/- 2 millimeter
0.1 to 0.2 liter	Minimum flow rate	+/- 0.02 V
0.2 to 0.4 liter	Minimum flow rate	+/- 4 millimeter
0.4 to 1 liter	Minimum flow rate	+/- 0.01 V
1 to 2 liter	Minimum flow rate	+/- 10 millimeter
From 2 liter onwards	Minimum flow rate	+/- 0.005 V

Clause 7. In regard to inspection of fuel dispenser in service station under clause 5, the deviation of dispenser at every flow rate at the same side shall at least contain one value not exceeding the maximum permissible error as follows and it shall pass the test:

Flow rate	Tested quantity	Maximum permissible error	
Approximately 5 liters per minute or minimum flow rate	5 liters	+ 7.5 milliliter	-7.5 milliliter
Approximately 20 liters per minute	20 liters	+ 30 milliliter	- 30 milliliter
Approximately 50 liters per minute	50 liters	+ 75 milliliter	- 75 milliliter

Clause 8. In regard to inspection of a fuel dispenser in service station under clause 5, the deviation of the fuel measurement system shall not exceed one half of the maximum permissible error in accordance with the following table and it shall pass the test:

Tested quantity (V)	Flow rate	Maximum permissible error
5 liters	Approximately 5 liters per minute or minimum flow rate	+/- 0.3 % (+/- 15 milliliters)
20 liters	Approximately 20 liters per minute	+/- 0.3 % (+/- 60 milliliters)
50 liters	Approximately 50 liters per minute	+/- 0.3% (+/- 150 milliliters)
Span of error must equal the maximum deviation minus percentage of minimum deviation not exceeding 0.3 percent		

CHAPTER III VERIFICATION

Clause 9. A verification mark shall be affixed on a fuel dispenser in service station which has passed the test for characteristics of fuel dispenser in service station under Chapter 1 and inspection of accuracy of fuel dispenser in service station under Chapter 2 by affixing a verification mark at the position of right edge of a display of serial number and in a place where to prevent a correction or modification of the accuracy of a fuel dispenser in service station and issue a certificate illustrating the verification of measurement gauge including the expiration date of the verification which is valid for 2 years on the display of serial number and at the certificate illustrating the verification of measurement gauge.

Clause 10. Any of a fuel dispenser in service station which fails the test shall be corrected and shall be submitted for re-inspection and new verification.

Clause 11. The report of inspection and verification of fuel dispenser in service station shall be submitted in accordance with the form *Chor Wor Dtor Ror* 008 annexed to this Rule and the Central Bureau or Subsidiary Office shall be notified including the report of the work performance of a license holder as an inspector of a measurement gauge under the Rule of the Central Bureau of Weights and Measures on the report of the work performance of a license holder as an inspector of a measurement gauge B.E. 2549 dated the 27th of January B.E. 2549.

Given on the 28th of March B.E. 2551

Yanyong Puangraj

Director of the Department of Internal Trade