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Pursuant to article 8 paragraph 2 of the Law on Metrology (Official Gazette of Montenegro 79/08), the Ministry of Economy hereby issues the

## **RULEBOOK**

### **ON TECHNICAL AND METROLOGICAL CONDITIONS AND THE PROCEDURE OF AUTHORIZATION OF PERSONS FOR PREPARATION OF FUEL DISPENSERS AND LIQUEFIED PETROLEUM GAS DISPENSERS FOR VERIFICATION**

**(Official Gazette of Montenegro 15/10 of 23 March 2010, 09/13 of 12 February 2013)**

#### **I. BASIC PROVISIONS**

##### **Article 1**

This rulebook prescribes technical and metrological conditions, necessary expert staff, and the procedure of authorization of a company, i.e. other legal person to perform the activity of preparing fuel dispensers and liquefied petroleum gas dispensers for verification.

Measuring systems, used for pouring and measuring of fuel and liquefied petroleum gas in motor vehicles and watercrafts, are meant by dispensers referred to in the paragraph 1 of this article.

##### **Article 2**

Preparation of dispensers referred to in the article 1 of this rulebook for verification includes visual examination of the dispensers, dispensers' reparation, and preparation of standards for the dispenser testing and testing, i.e. checking of the metrological and technical characteristics of the dispensers.

A written report shall be made on performed activities referred to in paragraph 1 of this article. It includes:

- 1) Information on the dispenser user (name, registered office, address, responsible person, TIN, phone);
- 2) Information on site and date of dispenser testing;
- 3) Information on dispenser (manufacturer, type, year of manufacture and serial number);
- 4) Metrological and other technical information for verification;
- 5) Short description of dispenser malfunction;
- 6) Date and place of report;
- 7) Stamp, name, surname, and signature of the person responsible in the authorized company i.e. other legal person for verification of dispensers for verification.

##### **Article 3**

An authorized company, i.e. other legal person authorized to perform the activity of preparing dispensers referred to in the article 1 of this rulebook must not remove the national hallmark from the dispenser during the reparation, without an official of the Bureau of Metrology (hereinafter referred to as the Bureau) present.

After reparation of the dispenser referred to in the paragraph 1 of this article, verification of the dispenser shall be performed.

Verification of the dispensers referred to in the paragraph 2 of this article shall be performed in working conditions at the site of use of the dispensers.

#### **II. TECHNICAL AND METROLOGICAL CONDITIONS AND NECESSARY EXPERT STAFF**

##### **Article 4**

The activities of preparation of dispensers for verification, referred to in the article 1 of this rulebook, can be performed by an authorized company, i.e. other legal person, if:

- 1) It is registered in the Central register of Commercial Entities with the Commercial Court for performing activities in the field of metrology;
- 2) It has dispenser testing equipment;
- 3) It has premises to accommodate the dispenser testing equipment;
- 4) It has the necessary expert staff.

##### **Article 5**

For testing liquid fuel dispensers, in order to prepare them for verification, the authorized company, i.e. other legal person, must have the following equipment:

- 1) Metal standard capacity measure – working standards, of nominal volume of 5 liters, 20 liters, 50 liters, 100 liters and 200 liters for flows up to 200 liters/min, whose combined uncertainty in measurements is not higher than 0.1%. Standard capacity measures are placed on the car trailer and make up a mobile laboratory for dispenser testing;
- 2) Thermometer ranging from -10°C to +40°C, whose smallest scale interval must not be higher than 0.5°C;
- 3) Stopwatch with resolution of 0.1s.

#### **Article 6**

For testing liquefied petroleum gas dispensers, in order to prepare them for verification, the authorized company, i.e. other legal person, must have the following equipment:

- 1) Metal standard capacity measure – working standards, of nominal volume of at least 20 liters, whose combined uncertainty in measurements is not higher than 0.1%, and is equipped with a thermometer ranging from -10°C to +40°C, whose smallest scale interval must not be higher than 0.5°C, and a manometer ranging from 0 to 20 bars, of the lowest accuracy class of 1.6;
- 2) Thermometer ranging from -10°C to +40°C, whose smallest scale interval must not be higher than 0.5°C;
- 3) Stopwatch with resolution of 0.1s.

#### **Article 7**

For equipment referred to in the articles 5 and 6 of this rulebook, a certificate on verification, i.e. calibration certificate must be issued.

The equipment referred to in the paragraph 1 of this article must have a valid hallmark.

#### **Article 8**

In addition to equipment referred to in the articles 5 and 6 of this rulebook, for testing of dispensers referred to in the article 1 of this rulebook, in order to prepare them for verification, the authorized company, i.e. other legal person must have the following additional equipment:

- 1) Return pump for returning the fuel from standard capacity measure to tanks;
- 2) Compressor for returning liquefied petroleum gas from standard capacity measure to tank;
- 3) Cable for grounding the trailer;
- 4) A set of non-sparking tools.

All additional equipment connections to a power supply source must be explosion-proof.

#### **Article 9**

In order to perform the activity of preparing dispensers for verification, the authorized company, i.e. other legal person must have premises to accommodate the dispenser testing equipment.

#### **Article 10**

The person authorized to perform the activity of preparing dispensers for verification must have at least two (2) permanent employees, with at least high school qualification of technical education, and at least three (3) years of work experience in testing, manufacturing, or servicing of dispensers.

### **III. AUTHORIZATION PROCEDURE**

#### **Article 11**

Authorization of a company, i.e. other legal person to perform the activity of preparing dispensers referred to in the article 1 of this rulebook for verification, is done upon application, which is submitted to a competent state administration authority for the field of metrology (hereinafter referred to as the Ministry).

The application referred to in the paragraph 1 of this article includes the information on applicant (name, registered office, tax identification number, phone), as well as to which type of dispensers the application refers (liquid fuel and/or liquefied petroleum gas dispensers).

The company, i.e. other legal person shall support the application referred to in the paragraph 2 of this article with:

- 1) Evidence that the company, i.e. other legal person has the equipment prescribed by this rulebook (technical documentation);
- 2) Written statement stating that the company has the premises to accommodate the dispenser testing equipment;
- 3) Evidence on employed expert staff pursuant to conditions referred to in the article 10 of this rulebook.

### **Article 12**

The Ministry authorizes the company, i.e. other legal person, which fulfills the requirements prescribed by this rulebook, to perform the activity of preparing dispensers, referred to in the article 1 of this rulebook, for verification.

The authorization referred to in the paragraph 1 of this article is issued by a decision.

### **Article 13**

The authorized person referred to in the article 12 paragraph 1 of this rulebook submits reports on preparation of dispensers for verification to the Bureau every three months, and takes part in comparative tests, organized by the Bureau.

The authorized person referred to in the paragraph 1 of this article keeps the reports on preparation of dispensers for verification in printed or electronic form, for at least three (3) years from the date of termination of the certificate period.

## **FINAL PROVISION**

### **Article 14**

This Rulebook shall enter into force on the eighth day following that of its publication in the Official Gazette of Montenegro.

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Podgorica, 11 March 2010

Ministry of Economy  
Minister  
Branko Vujović, m.p.

