



NATIONAL INSTITUTE OF PUBLIC HEALTH

Šrobárova 48
Praha 10
100 42
Czech Republic

LIMESA meters Ltd
Plk. Truhláře 1330
512 51 LOMNICE nad Popelkou
Czech Republic

YOUR REFERENCE: 162000030
IN YOUR LETTER OF: 1 November 2016
OUR REFERENCE: 3631/2016
EX 161530
EXECUTED BY: L. Nešpůrková, MSc, PhD
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DATE: 7 December 2016

Re: Expert assessment of flowmeters for compliance with the health safety requirements for products intended to come into contact with drinking water of Act No. 258/2000 and Regulation No. 409/2005 of the Ministry of Health of the Czech Republic.

In the letter of 1 November 2016, a request was made to assess the FG4000 magnetic-inductive flowmeter for compliance with the health safety requirements for contact with drinking and hot water of Act No. 258/2000 and Regulation No. 409/2005 of the Ministry of Health of the Czech Republic. The product is manufactured and distributed by LIMESA meters Ltd, Plk. Truhláře 1330, 512 51, Lomnice nad Popelkou, Czech Republic. For the purpose of the assessment, the following documents were submitted:

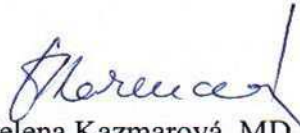
- Product catalogue sheet.
- Manufacturer's certificate of conformity.
- Assembly instructions and technical conditions.
- Positive assessment of the Teflon liner as compliant with the health safety requirements for products intended to come into permanent contact with drinking water issued by the Water Quality Laboratories, National Institute of Public Health, Prague, Czech Republic under reference no. 3630/2016, EX 161531 on 7 December 2016.

As stated by the manufacturer, the flowmeters are supplied with sensors of three types differing from each other only in the type of fitting: FG4000 equipped with a sandwich fitting – tube inner diameter of DN10 – DN200, FG4000 equipped with a flanged fitting – tube inner diameter of DN20-DN1000, and FG4000 equipped with a threaded fitting – tube inner diameter of DN10-DN80. In the FG4000 magnetic-inductive flowmeters, the Teflon liner used in the body of inductive meters and stainless steel electrodes (material 1.4571) come into contact with water. The Teflon liner has been assessed as compliant with the health safety requirements of Regulation No. 409/2005 of the Ministry of Health of the Czech Republic. The stainless steel electrodes were previously assessed as compliant with the health safety requirements of Regulation No. 409/2005 of the Ministry of Health of the Czech Republic. We have analysed the data from the previous assessment and accompanying reports and have checked their compliance with the health safety requirements of Regulation No. 409/2005 of the Ministry of Health of the Czech Republic.

Conclusion:

Based on the results of the previously conducted laboratory analyses and assessments, it can be concluded that **the FG4000 inductive flowmeters** produced and distributed by LIMESA meters

Ltd, Lomnice nad Popelkou, Czech Republic **comply with the health safety requirements** for products intended to come into contact with drinking and hot water laid down by Act No. 258/2000, as last amended and by Regulation No. 409/2005 of the Ministry of Health of the Czech Republic, as last amended and that there is no objection to the use of these products in permanent contact with drinking and hot water.



Helena Kazmarová, MD

Head of the Centre for Health and the Environment

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