



Český metrologický institut

Okružní 31, 638 00 Brno

tel. +420 545 555 111

www.cmi.cz

Laboratory: Regional inspectorate, Okružní 31, 638 00 Brno
Department of primary metrology of liquids flow, flow velocity and heat, tel. +420 545 555 111,
fax. +420 545 555 183

CERTIFICATE

6015-CC-P0003-19

Date of issue: 28. 6. 2019

List 1 z 1 listu
Page 1 of 1

Czech Metrology Institute confirms the tests in accordance with EN 16321-1:2013 for the following petrol vapour recovery system

Type of system: Active, distributed system with electronic proportional valve
Nozzle: ELAFLEX Slimline 2 (with ON/OFF VR valve)
Hose assembly: ELAFLEX Slimline 21/8 / ELAFLEX Conti Slimline 21/8
Proportional valve: Bürkert 6022 / 2832
Control unit: Bürkert, - Pulse output from Tatsuno pump computer
PDEX/PDEX5/TBELTM corrected by the module Fafnir VAPORIX-PCM
Vapour recovery pump: Gardner Denver Thomas (previous brand ASF Thomas) 8014-6.0

The following general conditions must be observed during installation:

Maximum volumetric fuel-flow rate: 40 l/min
Maximum back pressure in petrol vapour pump outlet line with maximum vapour flow: 50 mbar
Correction factor for system settings with simulated petrol-flow of 38 l/min: 1,07

Under the above specified conditions of installation approved by tests according to EN 16321-1 the efficiency of petrol vapour capture for mentioned vapour recovery system is in accordance with the requirement of Article 4 of Directive 2009/126/EC and Directive 2014/99/EU as amended (the minimum required efficiency $\geq 85\%$).

Date of tests: 22. 5. – 28. 6. 2019

Tested by:


ing. Peter Škrovánek



Head of the Department:


Mgr. Jindřich Bílek

*Tento dokument nesmí být bez písemného souhlasu provádějící laboratoře rozmnožován jinak než v celkovém počtu listů.
This document may only be reproduced in full, except with the prior written permission by the issuing laboratory.
Výsledky měření se vztahují pouze k technickému provedení systému, které bylo předmětem vykonaných zkoušek.
The measurement results only apply to the technical design of the system which was the subject of the performed exams.*