

Certificate No. **VR2 – 1505 – 114 EU**

The TÜV SÜD Industrie Service GmbH, test body for vapor recovery systems,
Westendstr. 199, D-80686 Munich,



certifies having conducted tests according to EN 16321-1
on the following petrol vapour recovery system:

- Type of system: **Active, centralised, self calibrating system with electronic controlled valves**
- Nozzle: **ELAFLEX ZVA Slimline 2 GR / ELAFLEX ZVA 200 GR**
- Hose assembly: **ELAFLEX Slimline 21/8 / ELAFLEX Conti Slimline 21/8**
- Proportional valve: **ASCO, EMXX**
- Control board **TST, VC Plus** coaction with TST Flow Sensor VFS
- Vapour recovery pump: **TST, SG 0008A**

Conditions for installation and operation
Requirements to ensure system performance in use

Maximum volume of the VRL1 operating in underpressure:	2 l
Minimum diameter of the VRL:	1/4" / DN 10
Maximum no. of simultaneous operating fuelling points under compliance of a vapour recovery rate of 95% – 105 %:	2
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.: Remark: self-calibrating system	Not necessary
Measured efficiency:	89 %
<i>Required efficiency by Directive 2009/126/EC:</i>	85 %
Average result of each test tank:	
VW Golf VI: 88,4 % VW Polo V: 88,2 % Renault Megane 3: 90,9 %	

Based on ID: "Efficiency 1401 Slimline 2", "System 1505-114 EU"
The vapour recovery system corresponds to the state of the art as defined in the
"Directive 2009/126/EC" last amended by Directive 2014/99/EU".

Germany, Munich 14/02/2021

Valid for installation until
13/02/2023



Test Body for Vapor Recovery Systems

Peter Szalata

¹ Vapour recovery line