



LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issued by: ROTTERDAM TECHNICAL SUPPORT OFFICE

Issued to: VAF Instruments B.V.

For: Viscosity and Density meters ViscoSense®3 (Exd), and ViscoSense®3D (Exd)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

0279-0096, F, 2018-06-05, Assy Pendulum VS3 DLC
0279-0100, E, 2020-07-29, Assy Pendulum VS3 Exd
0279-0110, G, 2021-11-26, Assy Pendulum VS3D
0279-0111, O, 2020-09-25, Assy Interfacebox VS3D
0279-0112, I, 2020-09-25, Assy Interfacebox VS3
0279-0117, E, 2020-07-29, Assy Pendulum VS3D Exd
0279-0122, 2020-07-08, Assy Pendulum VS3D St.St. torsion
VID03B4F, 017-07-11, Electronic Diagrams
TIB-775-GB-0418, ViscoSense®3 - Technical Manual
TIB-777-GB-1018, ViscoSense®3 Exd - Technical Manual
TIB-778-GB-0620, ViscoSense®3D - Technical Manual
TIB-779-GB-1020, ViscoSense®3D Exd - Technical Manual
ASTMUPC, 2018-12-14, Abracon LV-CMOS-SMD oscillator specifications
DEKRA – KEMA, Issue 3, 03ATEX2055 X Certificate EU-type examination according directive 2014/34/EU

TEST REPORTS

20210079RPT02	DARE!! Services	– Electromagnetic Compatibility Test Report	dated 2021-09-07
20210621RPT01	DARE!! Services	– Electromagnetic Compatibility Test Report	dated 2021-09-07
21C00070RPT01	DARE!! Services	– Environmental Test Report.....	dated 2021-08-24
M21.001-P21.001	Sebert	– Vibration Test report	dated 2021-09-06
MFM-15-24	VAF	– Power Supply Test report rev. B	dated 2021-05-18
MFM-15-24	VAF	– Power Supply Performance test report.....	dated 2020-12-18

R.P.Verra
Senior Control Electrical Engineer Surveyor
Electrotechnical Systems
Rotterdam Technical Support Office
Lloyd's Register EMEA
E Rainier.Verra@lr.org



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