



## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>VAF Instruments B.V.</b>	
<b>Address</b>	Vierlingstraat 24, Dordrecht, 3316 EL, Netherlands	
<b>Type</b>	Alarm And Monitoring Systems	
<b>Description</b>	ViscoSense®3 (Exd) Viscosity Control System	ViscoSense®3D (Exd) Viscosity & Density Control System
<b>Trade Name</b>	ViscoSense®3 (Exd)	ViscoSense®3D (Exd)
<b>Application</b>	Suitable for marine and offshore applications, environmental categories ENV1, ENV2 and ENV3	
<b>Specified Standard</b>	Type Approval Test Specification No. 1, December 2020	
<b>Ratings</b>	Viscosity range:	0 – 25/50 mPa.s
	Density range:	750 – 1100 g/l
	Ambient temperature range:	0 – 55 °C
	Process temperature range:	0 – 200 °C
	Accuracy:	viscosity +/- 2%, density +/- 0.1 %
	Protection:	IP65

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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**Rainier Verra**

Senior Electrical Surveyor to Lloyd's Register  
EMEA  
A member of the Lloyd's Register group

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** 17/30034

The Design Appraisal Document PRJ11100391354 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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