



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 11ATEX1006X** Issue: **17**

4 Equipment: **Valve Controllers (For Types, see schedule)**

5 Applicant: **Valmet Flow Control Oy**

6 Address: Vanha Porvoontie 229
01380 Vantaa
Finland

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012

EN 60079-1:2007

EN 60079-31:2009

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II 2G
II 2D

Ex d IIC T6 T4 Gb

Ex tb IIIC T80°C T105°C Db IP66

The tables in the description show a complete list of all of the limit switch options and their associated temperature class, surface temperature for dust and ambient temperature ranges.



II 2G

Ex d IIC T6 T4 Gb



Signed: Michelle Halliwell

Title: Director of Operations

Project Number 80197524

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13 DESCRIPTION OF EQUIPMENT

The Valve Controllers of the Type SG9.....E6./..., VG9.....E6./..., ND9.....E1./..., ND7.....E1, SG9.....E7./..., VG9.....E7./..., ND9.....E7./... and ND7.....E7 are intended for controlling the diaphragm or the cylinder type pneumatic actuators of rotary or linear valves. Two enclosure models exist for the Valve Controller. The enclosure itself consists either of 3 screwed together parts (basic housing, limit switch housing and cover) or 2 screwed together parts (basic housing and cover). The cover is alternatively available with an inspection window. Threaded holes in the enclosure are intended for the connection of cable glands certified in the corresponding type of protection. The limit switch options included are shown in product type designation.

Product Type Ref:

AABCDDEFFG/HHH

AA Product Group

SG = SwitchGuard, intelligent on/off valve controller.

VG = ValvGuard, intelligent safety valve controller, SIL 3.

ND = Neles Digital, Intelligent Valve Controller.

B Series code

9 = Series 9000

7 = Series 7000

C Enclosure

2 = Aluminium IP66 enclosure.

3 = Stainless steel IP66 enclosure.

DD Spool valve and connections

12 = Restricted capacity (SG and VG variant).

15 = Standard capacity, stroke volume of actuator < 13 dm³ (SG and VG variant). 35 = Standard capacity, stroke volume of actuator > 13 dm³ (SG and VG variant). 37 = Extended capacity, for single acting actuators (SG and VG variant).

02 = Low Capacity (ND variant).

03 = Medium Capacity (ND variant). 06 = High capacity (ND variant).

E Communication / input signal range

H = HART.

F = Foundation Fieldbus. P = Profibus PA

FF Approvals

E6 = (SG and VG variant) E1 = (ND variant)

E7 = identification plates in Russian language (SG, VG and ND variants).

G Options for valve controller

T = **VG9_HE6T, SG9_E6T and ND_E1T**: internal 2-wire (passive) position transmitter. Analog position feedback signal, output 4-20 mA, supply voltage 12-30 V d.c., external load resistance 0-780 ohm.

VG9_HE6T: $U_i \leq 30$ V, $I_i \leq 20$ mA, $P_i \leq 1050$ mW, external load resistance 0-780 ohm.

SG9_E6T: $U_i = 30$ V, P_{max} = device limits itself, external load resistance 0-780 ohm.

ND_E1T: $U_i = 30$ V, P_{max} = device limits itself, external load resistance 0-780 ohm.

S = **VG9_HE6S**: internal 2-wire (passive) position transmitter. Analog device status feedback signal, 4-20mA. Output mA value is based on the device status. Supply voltage 12-30 V d.c., external load resistance 0-780 ohm

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VG9_HE6S: $U_i \leq 30$ V, $I_i \leq 20$ mA, $P_i \leq 1050$ mW, external load resistance 0-780 ohm.

C = Low temperature (-53°C) (ND variant).

J = External junction box, 2 pcs M20x1.5 conduit entry.

SG9_J: Junction box for all 4-20 mA wirings, including position transmitter, if applicable. Junction box is attached to the enclosure, 2 pcs M20x1.5 conduit entry.

VG9_H_J: Junction box for all 4-20 mA wirings, including position transmitter, if applicable. Junction box is attached to the standard enclosure, 2 pcs M20x1.5 conduit entry.

VG9_F_J: Junction box for FF and 24 VDC wiring. Junction box is attached to the standard enclosure.

ND_H_J: External junction box for all 4-20 mA wirings, including position transmitter, if applicable. Junction box is attached to the enclosure, 2 pcs M20x1.5 conduit entry.

ND_F_J, ND_P_J: External junction box for wirings, including option for parallel connection of external surge protector. Junction box is attached to the enclosure, 2 pcs M20x1.5 conduit entry.

M = Special corrosion resistant finish. External aluminium surfaces protected by hard anodizing with PTFE.

L1 = Extension housing for PT (SG and VG variant).

L2 = Extension housing for LCP (VG variant).

L3 = Extension housing for LCP (VG variant).

Vxx = Branded for OEM distributors (V00...V099).

HHH Options for valve controller (See table below)

2-wire, DC voltage proximity switches:			
Limit switch code	Electric data	No. of switches	Ambient Range
I02	U_i : 16 V, I_i : 52 mA, P_i : 169 mW	2	See tables below
I03	U_i : 16 V, I_i : 52 mA, P_i : 169 mW	2	See tables below
I04	U_i : 16 V, I_i : 52 mA, P_i : 169 mW	2	See tables below
I09	U_i : 16 V, I_i : 52 mA, P_i : 169 mW	2	See tables below
I54	12-24 V DC, < 100 mA	2	See tables below
I56	10-36 V DC, < 150 mA	2	See tables below
I57	U_i : 16 V, I_i : 52 mA	2	See tables below
I58	U_i : 16 V, I_i : 52 mA	4	See tables below
I41	U_i : 16 V, I_i : 52 mA	4	See tables below
3-wire, DC voltage proximity switches:			
Limit switch code	Electric data	No. of switches	Ambient Range
I11	10-60 V DC, <: 200 mA	2	See tables below
I21	10-60 V DC, < 200 mA	2	See tables below
I45	U_i : 16 V DC, I_i : 52 mA, P_i : 169 mW	2	See tables below
I59	U : 10-30 V DC, I_{max} : 200 mA	2	See tables below
I60	U : 10-30 V DC, I_{max} : 200 mA	2	See tables below
2-wire, AC voltage proximity switches:			
Limit switch code	Electric data	No. of switches	Ambient Range
I32	24-240 V AC, < 200 mA	2	See tables below
I34	24-240 V AC, < 200 mA	2	See tables below
Stonel type proximity switches:			
Limit switch code	Electric data	No. of switches	Ambient Range
D33	2 A - 8-125 V DC, 24-125 V AC	1	See tables below

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D44	3 mA; 1 mA, 6-29 V DC	1	See tables below
DC/AC voltage micro switches:			
Limit switch code	Electric data	No of switches	Ambient Range
K05	3 A - 250 V AC, 0.4 A - 125 V DC, 5 A - 30 V DC	2/4	See tables below
K06	100 mA - 30 V DC / 125 V AC	2/4	See tables below
K25	3 A - 250 V AC, 0.4 A - 125 V DC, 5 A - 30 V DC	2	See tables below
K26	100 mA - 30 V DC / 125 V AC	2	See tables below
K45	3 A - 250 V AC, 0.4 A - 125 V DC, 5 A - 30 V DC	4	See tables below
K46	100 mA - 30 V DC / 125 V AC	4	See tables below
B06	BUS POWERED, NO EXTERNAL POWER NEEDED	2	See tables below
Reed type proximity switches:			
Limit switch code	Electric data	No. of switches	Ambient Range
R01	300 mA, 24 V DC; 200 mA, 125 V AC	2	See tables below
R02	150 mA, 24 V DC	2	See tables below
R04	Vmax 24VDC, Imax 3A, Wmax 2.5W	2	See tables below
R35	4 A - 120 V AC, 3 A - 24 V DC	2	See tables below
Diagnostic signal position transmitters:			
Limit switch code	Electric data	No of switches	Ambient Range
T01	Vmax: 40 V DC, I: 4-20 mA	2	See tables below

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Valve Controllers SG9000HE6

Variant type	Ambient temp. ranges (Ta) according to type			Type markings: a = Enclosure: 2 (aluminum alloy), 3 (stainless steel) b = Spool valve size: 12 (restricted), 15 (standard), 35 (high), 37 (extended) c = Options of valve controller: none, T (position transmitter), J (external junction box), M (special corrosion resistant finish. External aluminium surfaces protected by hard anodizing with PTFE), Y (special construction to be specified).
SG9000	T6 T80°C	T5 T95°C	T4 T105°C	
SG9abHE6c	-40°C ... +60°C	-40°C ... +75 C	-40°C ... +85°C	
SG9abHE6c/I02				
SG9abHE6c/I04				
SG9abHE6c/K25				
SG9abHE6c/K26				
SG9abHE6c/K45				
SG9abHE6c/K46				
SG9abHE6c/B06				
SG9abHE6c/R35				
SG9abHE6c/I32				
SG9abHE6c/I41				
SG9abHE6c/T01				
SG9abHE6c/D33	-40°C ... +60°C	-40°C ... +75°C	-40°C ... +82°C	
SG9abHE6c/D44				
SG9abHE6c/R01	-40°C ... +60°C	-40°C ... +75°C	-40°C ... +80°C	
SG9abHE6c/R02				
SG9abHE6c/R04				
SG9abHE6c/I59	-40°C ... +60°C	-40°C ... +60°C	-40°C ... +60°C	
SG9abHE6c/I03				
SG9abHE6c/I09				
SG9abHE6c/I45				
SG9abHE6c/I57				
SG9abHE6c/I58				
SG9abHE6c/I56				
SG9abHE6c/I54	-25°C ... +60°C	-25°C ... +75°C	-25°C ... +80°C	
SG9abHE6c/I11				
SG9abHE6c/I21				
SG9abHE6c/I34				
SG9abHE6c/I60				

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Valve Controllers VG9000HE6, VG9000FE6

Variant type	Ambient temp. ranges (Ta) according to type			Type markings: a = Enclosure: 2 (aluminum alloy), 3 (stainless steel) b = Spool valve size: 12 (restricted), 15 (standard), 35 (high), 37 (extended) c = Communication: H (HART) or F (Foundation Fieldbus) d = Options of valve controller: none, T or S (position transmitter or device status), J (external junction box), M (special corrosion resistant finish. External aluminium surfaces protected by hard anodizing with PTFE), L1 (housing extension), L2 (housing extension), L3 (housing extension), Y (special construction to be specified)
VG9000	T6 T80°C	T5 T95°C	T4 T105°C	
VG9abcE6d*	-40°C ... +60°C	-40°C ... +75 C	-40°C ... +85°C	
VG9abcE6d/I02*				
VG9abcE6d/I04				
VG9abcE6d/K25*				
VG9abcE6d/K26*				
VG9abcE6d/K45*				
VG9abcE6d/K46*				
VG9abcE6d/B06*				
VG9abcE6d/R35*				
VG9abcE6d/I32				
VG9abcE6d/I41				
VG9abcE6d/T01				
VG9abcE6d/D33*	-40°C ... +60°C	-40°C ... +75°C	-40°C ... +82°C	
VG9abcE6d/D44*				
VG9abcE6d/R01*	-40°C ... +60°C	-40°C ... +75°C	-40°C ... +80°C	
VG9abcE6d/R02*				
VG9abcE6d/R04*				
VG9abcE6d/I59	-40°C ... +60°C	-40°C ... +60°C	-40°C ... +60°C	
VG9abcE6d/I03	-25°C ... +60°C	-25°C ... +75 C	-25°C ... +85°C	
VG9abcE6d/I09*				
VG9abcE6d/I45*				
VG9abcE6d/I57*				
VG9abcE6d/I58*				
VG9abcE6d/I56*	-25°C ... +60°C	-25°C ... +75°C	-25°C ... +80°C	
VG9abcE6d/I54	-25°C ... +60°C	-25°C ... +70 C	-25°C ... +70°C	
VG9abcE6d/I11				
VG9abcE6d/I21				
VG9abcE6d/I34				
VG9abcE6d/I60				

* Denotes that variant type is included in the manufacturer's instruction manual references 7VG9H70en and 7VG9F70en.

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Valve Controllers ND9000HE1, ND9000FE1, ND9000PE1, ND7000HE1

Variant type	Ambient temp. ranges (Ta) filled according to type			Type markings: a = Diagnostics variant: 9 (intelligent Valve controller), 7 (digital Valve controller) b = Enclosure: 2 (aluminum alloy), 3 (stainless steel) c = Spool valve size: 02 (low), 03 (medium), 06 (high) d = Communication: H (HART) or F (Foundation Fieldbus) or P (Profibus PA) e = Options of valve controller: none, T (position transmitter), J (external junction box not applicable with cold option), M (special corrosion resistant finish. External aluminium surfaces protected by hard anodizing with PTFE), G (exhaust adapter), Y (special construction to be specified) C (cold version) ** Not allowed with external junction box (J, -40 °C)			
ND9000/ND7000	T6 T80°C	T5 T95°C	T4 T105°C				
NDabcdE1e	-40°C ... +60°C	-40°C ... +75 C	-40°C ... +85°C				
NDabcdE1e/I02							
NDabcdE1e/I04							
NDabcdE1e/K05							
NDabcdE1e/K06							
NDabcdE1e/B06							
NDabcdE1e/I32							
NDabcdE1e/R35							
NdabcdE1e/I41							
NdabcdE1e/T01							
NDabcdE1e/D33	-40°C ... +60°C	-40°C ... +75°C	-40°C ... +82°C				
NDabcdE1e/D44							
NDabcdE1e/R01	-40°C ... +60°C	-40°C ... +75°C	-40°C ... +80°C				
NDabcdE1e/R02							
NDabcdE1e/R04	-40°C ... +60°C	-40°C ... +60°C	-40°C ... +60°C				
NDabcdE1e/I59							
NDabcdE1e/I03					-25°C ... +60°C	-25°C ... +75 C	-25°C ... +85°C
NDabcdE1e/I09							
NDabcdE1e/I45							
NDabcdE1e/I57							
NDabcdE1e/I58							
NDabcdE1e/I56	-25°C ... +60°C	-25°C ... +75°C	-25°C ... +80°C				
NDabcdE1e/I54							
NDabcdE1e/I11				-25°C ... +70 C	-25°C ... +70°C		
NDabcdE1e/I21							
NDabcdE1e/I34							
NDabcdE1e/I60							
NDabcdE1Ce**	-53°C ... +60°C	-53°C ... +75°C	-53°C ... +85°C				
NDabcdE1Ce/I59**							
NDabcdE1Ce/I41**				-50°C ... +60°C	-50°C ... +75°C	-50°C ... +85°C	

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Electrical data

Type VG9.....F..E6./...

Safety signal (binary input)	Unom	≤ 28 V d.c.
Terminals 24 V d.c. +/-	Pnom	≤ 1.0 W
Fieldbus	Unom	≤ 32 V d.c.
Terminals H1 +/-	Inom	≤ 380 mA
	Pnom	≤ 5320 mW

Type VG9.....H..E6./...

Input current circuit	Unom	≤ 30 V d.c.
Terminals +/-	Pnom	≤ 1080 mW
Position encoder, optional	Unom	≤ 30 V d.c.
Terminals PT +/-	Inom	≤ 20 mA
	Pnom	≤ 1050 mW

Type SG9.....H..E6./...

Input current circuit	Unom	≤ 30 V d.c.
Terminals +/-	Pnom	≤ 1.0 W
Position encoder, optional	Unom	≤ 30 V d.c.
Terminals +/-	Inom	≤ 20 mA
	Pnom	≤ 1.0 W

Type ND.....H..E1./...

Input current circuit	Unom	≤ 30 V d.c.
Terminals +/-	Pnom	≤ 1.0 W
Position encoder, optional	Unom	≤ 30 V d.c.
Terminals +/-	Inom	≤ 20 mA
	Pnom	≤ 1.0 W

Type ND.....F..E1./...

Type ND.....P..E1./...

Fieldbus	Unom	≤ 32 V d.c.
Terminals H1 +/-	Inom	≤ 380 mA
	Pnom	≤ 5320 mW

Variation 1 - This variation introduced the following changes:

- The use of stainless steel as an alternative enclosure material was endorsed; section 'C Enclosure' of the reference details in the Description of Equipment was amended to include this option and the generic product references throughout this certificate were clarified.
- The introduction of the S option for the VG9....H, a 2 wire (passive) position transmitter was allowed; as a result of this modification, section 'G Options for valve controller' of the reference details in the Description of Equipment was amended to include this option.

Variation 2 - This variation introduced the following changes:

- The applicant's name and address was changed from Metso Automation, Flow Control Business Line, Tulppatie 1, 00811 Helsinki, Finland to Metso Automation Oy, Vanha Porvoontie 229, 01380 Vantaa, Finland.
- The maximum ambient temperature for T5 versions was increased from +80°C to +85°C.
- The reed switch type Maxx-Guard (R01) was added to the range, the table above was amended to include this reed switch.
- A reduction in the number of threads of the joint between the extension and base was recognised, the minimum required threads remains maintained.
- An alternative mounting hole arrangement was introduced.

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Variation 3 - This variation introduced the following changes:

- Following appropriate re-assessment to demonstrate compliance with the requirements of a later standard, EN 60079-0:2009 was replaced by EN 60079-0:2012.
- The VG and SG models were assessed for use in explosive dust environments against EN 60079-31:2009, the markings in section 12 were updated accordingly.
- The addition of the T4 temperature class to the range was approved, in addition, the associated temperature class, surface temperature for dust and ambient temperature ranges are now defined for individual limit switch options.
- The design of the Breather/Draining Device arrangement was changed to use a 0.6 mm grooved plate and to allow the bubble pore size to increase to 0.17 mm.
- The material of the marking plate for the aluminium enclosures was changed.
- The product type references were clarified and additional options were recognised, the original product description was modified accordingly, in addition, the description now includes a new table that defines the types of limit switches that are used.
- The ND range of valve controllers were added to the range, These are flameproof, intelligent valve controllers used to control the position of the valve to which they are mounted. They are available in two different material options, the ND920/ND720...E1 with an aluminium enclosure and the ND930...E1 with a stainless steel enclosure. The enclosure can be in either standard or extended form dependent upon the valve controller options and limit switches which are fitted, they have also been tested according to the requirements of IEC 60529 and meet IP66. The Description of Equipment was modified to recognise these Controllers.

Variation 4 - This variation introduced the following changes:

- To permit the introduction of the option to use a previously certified junction box (Type 7080AM) and nipple (Type NPS) as an option to all variants with the exception of the Type ND7. This option is denoted by the use of '_J' in the model type description. The product description has been updated accordingly and additional Conditions of Certification introduced.
- To permit the recognition of corrected drawings listed in the Annexe.
- The product type reference VG9....H.E6 was clarified, the original product description was modified accordingly.

Variation 5 - This variation introduced the following change:

- The GO 35 limit switch (Metso Automation Limit Switch Code R35) was introduced to the existing product range, the product description was modified accordingly.

Variation 6 - This variation introduced the following changes:

- The lower ambient temperature, for a number of product Type references, was extended down to a minimum of -53°C. The Description of the Equipment was amended as required.
- The following limit switches were introduced to the Product Range. The Description of the Equipment was amended as required.

Metso Type Reference	Limit switch/Manufacturer
I41	Pepperl+Fuchs Type NJ4-12GK-SN Inductive sensor
I57	Pepperl+Fuchs Type NJ2-V3-N Inductive sensor
I58	Pepperl+Fuchs Type NJ2-V3-N Inductive sensor
I59	EGE Type IGMP 02 GSP Inductive sensor

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Metso Type Reference	Limit switch/Manufacturer
I60	Pepperl+Fuchs Type NCB2-12GM40-E2-3G-3D

- iii. The introduction of 'ERIKS' Silicone O-seals was acknowledged recognised.
- iv. The introduction of an alternative sealant/adhesive was recognised
- v. The cable entries for Stainless Steel and Aluminium limit switch housings were re-positioned.
- vi. The recognition of a minor design change, to the Prestage Bottom Plate Assembly in order to aid manufacture.
- vii. The omission of pneumatic connections in the Aluminium Valve Controller ND92.
- viii. The introduction of an external junction box option for variant ND7.
- ix. The introduction of an alternative surface paint.
- x. It was recognised that the enclosure cover may be manufactured from any stainless steel, including the existing material of construction, CF8M.
- xi. A reduction of 0.6 mm to the wall thickness of the VG and SG housing was accepted.
- xii. In order to simplify the product description, the communication variant letters were omitted from The Description of the Equipment. Note: No technical changes were made.
- xiii. Two new conditions of certification were added as a result of the above changes.

Variation 7 - This variation introduced the following changes:

- i. The use of Sealing Nipples, Model 2011 & Model 2012, International Metal Engineering (IME), under certificates Sira 14ATEX1043U, was recognised; as a result, a new Condition of Certification was introduced.
- ii. The routine overpressure test applied to the equipment was amended; the Condition of Certification being modified accordingly.

Variation 8 - This variation introduced the following changes:

- i. A change in company name for the applicant was recognised as follows:

From:	To:
Metso Automation Oy	Metso Flow Control Oy

- ii. The introduction of a design option that has partial stroke test functionality, this option is indicated by 'P' in the product nomenclature of type ND and VG models.

Variation 9 - This variation introduced the following changes:

- i. Removal of the ingress protection silicone gaskets from the certified type NPS conduit nipple, certified on certificate number IECEx CES 10.0003U and CESI 01ATEX080U coded Ex d IIC Gb, Ex tb IIIC Db, IP66, and replacement by 2 x bindings (hex) nuts, thus enabling the removal of the associated Condition of Manufacture
- ii. Introduction of ingress protection rating IP66 to the product markings on the certificate.
- iii. Removal of the alternative IME Model 2011 & 2012 nipple (afforded certification by IECEx SIR 14.0016U and Sira 14ATEX1043U) from the equipment certificates as an option.
- iv. The introduction of the type NDabcdE1e/xxx, SG9abHE6c/xxx and VG9abHE6d/xxx valve controller models, with an optional metro limit switch R04. These models are detailed as follows:

Model series	Variant type	Ambient temperature ranges (Ta) filled according to type		
		T6 T80°C	T5 T95°C	T4 T105°C
ND9000/ND7000	NDabcdE1e/xxx	-40°C to +60°C	-40°C to +75°C	-40°C to +80°C

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Model series	Variant type	Ambient temperature ranges (Ta) filled according to type		
		T6 T80°C	T5 T95°C	T4 T105°C
SG9000	SG9abHE6c/xxx			
VG9000	VG9abHE6d/xxx			

Where variant part code designation 'xxx' is replaced with 'R04', this refers to an alternative internally fitted limit switch comprising of two reed type proximity switched as detailed in the table below:

Reed type proximity switches:		
Limit switch code	Electric data	No. of switches
R04	Vmax 24VDC, Imax 3A, Wmax 2.5W	2

Variation 10 - This variation introduced the following changes:

- Introduction of a 500 Ω (min) 2.0 W optional resistor connected across the input terminal to allow line integrity diagnosis. Models VG9....F. only.
- The Specific Condition of Use '*The full assembly is to have a maximum power draw of 2.5 W, except for models VG9....F. which is to be limited to 3.5 W*' was removed and replaced by a Condition of Manufacture.

Variation 11 - This variation introduced the following changes:

- To permit the introduction of a three digit alphanumerical designator 'V01' to 'V99' within the model type coding (as applicable) to identify Metso Flow Control Oy distributors. As detailed on the individual identification plate drawings.
- The introduction of identification plates translated into the Russian language.
- The introduction of the identification plate drawing no. F76217 for type model designation ND93_E_I_/K_/D_/R.
- The introduction of model Types VG9300HE6L3, VG9300HE6TL3, VG9200HE6L3, VG9200HE6TL3, VG9200HE6TL3 and VG9200HE6L3 valve controllers, where part model code type designation 'L3' indicates an alternative input circuitry of 8-20mA, that does not necessitate the need for electrical inputs into the VG9 enclosure from the LCP9H_L control panel. This is the only difference to the standard model type designation 'L2'.

Variation 12 - This variation introduced the following changes:

- The product description was updated to recognise design changes and product type reference options that have already been approved in previous Issues of this certificate.
- The product markings were revised to recognise that the Valve Controllers may be labelled with the original gas only information, this reinforces the change first introduced in the report associated with Issue 11.

Variation 13 - This variation introduced the following changes:

- The Introduction of a position transmitter (T01) in the limit switch options.
- The Introduction of a new limit switch (R02) in the limit switch options.
- Correction of the product designation of the VG9000HE6 and VG9000FE6 Valve Controllers used in the description tables from VG9abHE6c/** to VG9abcE6d/**.

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Variation 14 - This variation introduced the following changes:

- i. Changes to the application name.
- ii. Combination of several label drawings into one drawing.

Variation 15 - This variation introduced the following changes:

- i. The information previously detailed in drawings F25116 Rev H and F25118 Rev I was combined into newly introduced drawing F99121 Rev 0. As a result of this modification, drawings F25116 and F25118 were removed from the list of controlled drawings.
- ii. The information previously detailed in drawings F25120 Rev G, F31454 Rev E, F31455 Rev E, F35216 Rev D and F35217 Rev D was combined into newly introduced drawing F99116 Rev 0. As a result of this modification, drawings F25120, F31454, F31455, F35216 and F35217 were removed from the list of controlled drawings.
- iii. The information previously detailed in drawings F31164 Rev E, F31165 Rev E, F31166 Rev E, F35381 Rev D and F35382 Rev D was combined into newly introduced drawing F99118 Rev 0. As a result of this modification, drawings F31164, F31165, F31166, F35381 and F35382 were removed from the list of controlled drawings.
- iv. The information previously detailed in drawings F35333 Rev C, F35334 Rev C, F35335 Rev C, F35392 Rev D and F35393 Rev D was combined into newly introduced drawing F99119 Rev 0. As a result of this modification, drawings F35333, F35334, F35335, F35392 and F35393 were removed from the list of controlled drawings.
- v. The information previously detailed in drawings F35307 Rev A, F35309 Rev A and F76217 Rev 0 was combined into newly introduced drawing F99125 Rev 0. As a result of this modification, drawings F35307, F35309 and F76217 were removed from the list of controlled drawings.
- vi. Revision of label materials.
- vii. Minor changes were made to Limit switch identification drawing F35213, the revision was updated from Revision A to Revision B.
- viii. Option E7M – Identification plates in Russian – special corrosion resistant finish, were removed from the certificate. As a result of this change drawings F75739, F75740, F75741, F75742, F75796, F75797, F75798, F75799 and F75800 were removed from the list of controlled drawings.
- ix. Option E7 – Identification plates in Russian, were removed from the certificate. As a result of this change drawings F74514, F75674, F75675, F75724, F75725, F75726, F75728, F75729, F75733, F75734, F75735, F75736, F75737, F75738, F75771, F75774, F75775, F75776, F75782, F75783, F75784, F75785, F75786, F75789, F75790, F75791, F75792, F75793, F75794, F75795, F75801, F75802, F75803, F75826, F75830, F75831, F75832, F75833 and F76221 were removed from the list of controlled drawings.
- x. Option M – Special corrosion resistant finish, was removed from the certificate. As a result of this change drawings F35219, F35255, F35304, F35306, F35319, F35320, F35336, F35337, F35338, F35394, F35396 were removed from the list of controlled drawings.

Variation 16 - This variation introduced the following change:

- i. To change the company name:

From:	To:
Neles Finland Oy	Valmet Flow Control Oy

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14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	21 January 2011	R24072A/00	The release of prime certificate.
1	15 March 2011	R24475A/00	The introduction of Variation 1.
2	20 June 2011	R24900A/00	The introduction of Variation 2.
3	05 November 2012	R26418A/00	The introduction of Variation 3.
4	29 May 2013	R30118A/00	The introduction of Variation 4.
5	02 June 2014	R70004717A	The introduction of Variation 5.
6	13 August 2014	R70004717B	The introduction of Variation 6.
7	13 October 2014	R70010948A	The introduction of Variation 7.
8	22 June 2015	R70032859A	The introduction of Variation 8.
9	03 May 2016	R70055804A	This Issue covers the following changes: • EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC Type-Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i> • The introduction of Variation 9.
10	23 August 2016	R70083587A	The introduction of Variation 10.
11	17 November 2016	R70088540A	The introduction of Variation 11.
12	08 June 2017	R70134752A	The introduction of Variation 12.
13	15 June 2017	R70132137A	The introduction of Variation 13.
14	15 October 2019	0882	Transfer of certificate Sira 11ATEX1006X from Sira Certification Service to CSA Group Netherlands B.V.
15	21 April 2020	R80038718A	The introduction of Variation 14.
16	07 July 2020	R80042632A	The introduction of Variation 15.
17	22 March 2024	R80197523A	The introduction of Variation 16.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

- 15.1 Some external parts of the system are non-conducting and may generate an ignition-capable level of electrostatic charges under certain extreme conditions. The user shall ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam)

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which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done with a damp cloth.

15.2 When the equipment is installed in a dust explosive environment the user shall ensure that an accumulation of excessive dust layers on the enclosure is prevented.

15.3 Blanking elements shall not be used with an adapter.

16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)**

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 **CONDITIONS OF MANUFACTURE**

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of CSA Group Netherlands B.V. certificates.

17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Issue 0

Drawing	Sheet	Rev.	Date (Sira stamp)	Description
F24119	1 of 1	A	06 Jan 11	VG/SG 9200, T5/T6, Flameproof enclosure assembly
F23596	1 of 1	B	06 Jan 11	Housing Exd, SG/VG9200 – T6, Main Dimensions
F18727	1 of 1	B	06 Jan 11	Joint Specifications, SG/VG9200; T5/T6
F09521	1 of 1	D	06 Jan 11	Cover, ND9200
F17724	1 of 1	A	06 Jan 11	Cover without windows, ND/SG/VG 9200
F26333	1 of 1	0	06 Jan 11	Shaft SG/VG9200
F10499	1 of 1	0	06 Jan 11	ND9200, Window
F26332	1 of 1	0	06 Jan 11	SHAFT BUSHING, SG/VG9200
F18242	1 of 1	0	06 Jan 11	VG/SG 9200, Flame arrester
F13481	1 of 1	B	06 Jan 11	Limit Switch Housing ND9200/K00
F17003	1 of 1	0	06 Jan 11	Plate, ND9200/K00
F17011	1 of 1	0	06 Jan 11	Volumes of SG/VG 92_ and SG/VG 92_/K00
F14700	1 of 1	0	06 Jan 11	Bed of Prestage Unit, SG9200
F18732	1 of 1	B	06 Jan 11	SG/VG 9200 Series Valve Controller, Parts List of Ex d critical parts, T5/T6
F26531	1 of 1	A	06 Jan 11	Bracket of limit switch I45
F27356	1 of 1	0	06 Jan 11	Limit switch I45 assembly
F17854	1 of 1	0	06 Jan 11	SG92_H Electrical modules and input power.
F17859	1 of 1	0	06 Jan 11	VG92_F Electrical modules and input power.
F24566	1 of 1	0	06 Jan 11	VG92_H Electrical modules and input power
F17715	1 of 1	0	06 Jan 11	SG/VG 92_/K_ Isolation Distances
F17988	1 of 1	D	13 Jan 11	Switches for SG/VG9200 E6_/I_, -/K_, -/D_
F25116	1 of 1	B	14 Jan 11	Identification Plate SG9200HE6, VG9200HE6 T5/T6
F25118	1 of 1	C	14 Jan 11	Identification Plate SG9200HE6T, VG9200HE6T T5/T6
F25120	1 of 1	B	14 Jan 11	Identification Plate VG9200FE6 T5/T6
F30624	1 of 1	0	11 Jan 11	Surface treatment of SG/VG 9235 and SG/VG9237
F30625	1 of 1	0	11 Jan 11	Surface treatment of SG/VG 9215

Issue 1

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F30764	1 of 1	0	23 Feb 11	VG/SG 9300, T5/T6, Flameproof enclosure assembly
F30732	1 of 1	01	23 Feb 11	Housing Exd, SG/VG9300 – T6, Main Dimensions
F30785	1 of 1	0	23 Feb 11	Joint Specifications, SG/VG9300; T5/T6
F30827	1 of 1	0	23 Feb 11	Limit Switch Housing ND9300/K00
F30828	1 of 1	0	23 Feb 11	Volumes of SG/VG 93_ and SG/VG 93_/I00
F30887	1 of 4	0	23 Feb 11	SG/VG 9300 Series Valve Controller, Parts List of Ex d critical parts, T5/T6
F16996	1 of 1	B	10 Mar 11	ND9300 Cover
F31896	1 of 1	0	10 Mar 11	VG/SG93_ Cover
F25116	1 of 1	C	10 Mar 11	Identification Plate SG9200HE6
F25118	1 of 1	D	10 Mar 11	Identification Plate SG9200HE6T
F31451	1 of 1	0	10 Mar 11	Identification Plate SG9300HE6
F31452	1 of 1	0	10 Mar 11	Identification Plate SG9300HE6T
F31454	1 of 1	0	10 Mar 11	Identification Plate VG9200HE6
F31455	1 of 1	0	10 Mar 11	Identification Plate VG9200HE6T
F31164	1 of 1	0	10 Mar 11	Identification Plate VG9300HE6
F31165	1 of 1	0	10 Mar 11	Identification Plate VG9300HE6T

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F31166	1 of 1	0	10 Mar 11	Identification Plate VG9300FE6
F31167	1 of 1	0	10 Mar 11	Identification Plate SG/VG9300_E6/K00 for micro switches
F31168	1 of 1	0	10 Mar 11	Identification Plate SG/VG9300_E6/I00 for inductive switches

Issue 2

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F17988	1 of 1	E	09 May 11	Switches for SG/VG9x00_E6_/I_, -/K_, -/D_
F25116	1 of 1	D	09 May 11	Identification Plate SG9200HE6
F25118	1 of 1	E	09 May 11	Identification Plate SG9200HE6T
F31451	1 of 1	A	09 May 11	Identification Plate SG9300HE6
F31452	1 of 1	A	09 May 11	Identification Plate SG9300HE6T
F31454	1 of 1	A	09 May 11	Identification Plate VG9200HE6
F31455	1 of 1	A	09 May 11	Identification Plate VG9200HE6T
F31164	1 of 1	A	09 May 11	Identification Plate VG9300HE6
F31165	1 of 1	A	09 May 11	Identification Plate VG9300HE6T
F31166	1 of 1	A	09 May 11	Identification Plate VG9300FE6
F31167	1 of 1	A	09 May 11	Identification Plate SG/VG9300_E6/K00 for micro switches
F31168	1 of 1	A	09 May 11	Identification Plate SG/VG9300_E6/I00 for inductive switches
F25120	1 of 1	C	09 May 11	Identification Plate VG9200FE6 T5/T6
F30732	1 of 1	B	26 May 11	Housing Exd, SG/VG9300 – T6, Main Dimensions
F30785	1 of 1	A	09 May 11	Joint Specifications, SG/VG9300; T5/T6
F30764	1 of 1	A	09 May 11	VG/SG 9300, T5/T6, Flameproof enclosure assembly
F32591	1 of 1	0	09 May 11	VG/SG 9x00/R01 assembly drawing
F30827	1 of 1	A	09 May 11	Limit Switch Housing ND/SG/VG9300

Issue 3

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F10513	1 of 1	D	21 May 12	DIAPHRAM COVER ND9200
F12329	1 of 1	0	21 May 12	DIAPHRAM COVER ND9200 MACHINED
F17523	1 of 1	B	19 Sep 12	SWITCHES FOR ND9200_/I_,/K_,/D_
F20408	1 of 1	0	21 May 12	DIAPHRAM COVER ND9300
F18145	1 of 1	B	19 Sep 12	DIAPHRAM COVER ND9300
F20797	1 of 1	C	19 Sep 12	COVER ND/SG/VG93
F10518	1 of 1	B	19 Sep 12	FLAME ARRESTER'S BODY ND9200
F10519	1 of 1	D	19 Sep 12	FLAME ARRESTER'S STEM ND9200
F25226	1 of 1	A	19 Sep 12	SPRING ND9200/ND9300
F10516	1 to 3	C	19 Sep 12	RESTRICTION BODY ND9200
F37974	1 of 1	0	20 Aug 12	JOINT SPECIFICATIONS ND9300
F38010	1 of 1	0	20 Aug 12	HOUSING ND9300 MAIN DIMENSIONS
F37973	1 of 1	0	20 Aug 12	ND9300 FLAMEPROOF ENCLOSURE ASSY
F37939	1 of 1	0	20 Aug 12	JOINT SPECIFICATIONS ND92
F37935	1 of 1	0	20 Aug 12	HOUSING-EXD ND92 MAIN DIMENSIONS
F37923	1 of 1	0	20 Aug 12	ND9200 FLAMEPROOF ENCLOSURE ASSY
F09521	1 of 1	E	19 Sep 12	COVER ND/SG/VG92_ND72
F17724	1 of 1	B	21 May 12	COVER ND/SG/VG92_ND72
F26333	1 of 1	A	21 May 12	SHAFT ND/SG/VG92/93 ND72
F10449	1 of 1	A	19 Sep 12	WINDOW ND92/93_SG/VG92_ND72
F26332	1 of 1	A	18 Sep 12	SHAFT BUSHINGS ND/SG/VG92_ND/SG/VG93_ND72
F18242	1 of 1	A	20 Aug 12	FLAME ARRESTER ND/SG/VG92/93_ND72

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F13481	1 of 1	C	19 Sep 12	HOUSING ND/SG/VG92
F17003	1 of 1	A	21 May 12	PLATE ND/SG/VG92_/K00, ND/SG/VG93_/K00
F17011	1 of 1	A	21 May 12	VOLUMES OF SG/VG92 AND SG/VG 92../K00
F14700	1 of 1	A	21 May 12	PLATE SG/VG92, SG/VG93
F18732	1 of 1	C	21 May 12	SG/VG 9200 CRITICAL PARTS LIST T5/T6
F26531	1 of 1	B	21 May 12	BRACKET ND/SG/VG92/I45, ND/SG/VG93/I45
F27356	1 of 1	A	21 May 12	LIMIT SWITCH ND/SG/VG92_/I45, ND/SG/VG93_/I45
F17854	1 of 1	A	21 May 12	Electrical Modules And Input Power ND/SG92_H, ND/SG93_H, ND72_H CONNECTIONS
F17859	1 of 1	A	21 May 12	ELECTRICAL MODULES AND INPUT POWER VG92/93_F CONNECTIONS
F24566	1 of 1	A	21 May 12	ELECTRICAL MODULES AND INPUT POWER VG92/93_H CONNECTIONS
F17715	1 of 1	A	21 May 12	ISOLATION DISTANCES SG/VG92_/K
F17988	1 of 1	F	18 Sep 12	SWITCHED VALVE CONTROLLERS SG/VG92_E_/I_, -/K_, -/D_, -/R_
F30827	1 of 1	A	21 May 12	LIMIT SWITCH HOUSING ND/SG/VG9300/100
F30828	1 of 1	A	21 May 12	VOLUMES ND/SG/VG93_ AND ND/SG/VG_/I00
F16996	1 of 1	C	19 Sep 12	COVER ND 9300
F32591	1 of 1	A	21 May 12	LIMIT SWITCH ND/SG/VG92_/R01, ND/SG/VG93_/R01
F18727	1 of 1	C	21 May 12	JOINT SPECIFICATIONS SG/VG9200 T5/T6
F23596	1 of 1	C	21 May 12	HOUSING-EXD SG/VG9200 T5/T6
F24119	1 of 1	B	21 May 12	SG/VG92 T5/T6 FLAMEPROOF ENCLOSURE ASSY
F30732	1 of 1	C	21 May 12	HOUSING SG/VG93 T6 MAIN DIMENSION
F30764	1 of 1	C	21 May 12	FLAMEPROOF ENCLOSURE ASSY SG/VG93 T5/T6
F30785	1 of 1	A	21 May 12	JOINT SPECIFICATIONS SG/VG9300 T5/T6
F30887	1-4 of 4	A	21 May 12	SG/VG 9300 CRITICAL PARTS LIST T5/T6
F35218	1 of 1	0	25 Oct 12	ID PLATE ND9200HE1T, ND7200HE1T (SIRA)
F35219	1 of 1	0	25 Oct 12	ID PLATE ND9200HE1TM, ND7200HE1TM (SIRA)
F35254	1 of 1	0	25 Oct 12	ID PLATE ND9200HE1, ND7200HE1 (SIRA)
F35255	1 of 1	0	25 Oct 12	ID PLATE ND9200HE1M, ND7200HE1M (SIRA)
F35303	1 of 1	0	25 Oct 12	ID PLATE ND9200FE1 (SIRA)
F35305	1 of 1	0	25 Oct 12	ID PLATE ND9200PE1 (SIRA)
F35307	1 of 1	0	21 May 12	ID PLATE LIMIT SWITCHES ND/SG/VG9200_E_/I_/K_/D_/R_ (SIRA)
F35317	1 of 1	0	25 Oct 12	ID PLATE SG9200HE6 (SIRA)
F35318	1 of 1	0	25 Oct 12	ID PLATE SG9200HE6T (SIRA)
F35333	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6 (SIRA)
F35334	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6T (SIRA)
F35335	1 of 1	0	25 Oct 12	ID PLATE VG9200FE6 (SIRA)
F35392	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6L2 (SIRA)
F35393	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6TL2 (SIRA)
F35304	1 of 1	0	25 Oct 12	ID PLATE ND9200FE1M (SIRA)
F35306	1 of 1	0	25 Oct 12	ID PLATE ND9200PE1M (SIRA)
F35319	1 of 1	0	25 Oct 12	ID PLATE SG9200HE6M (SIRA)
F35320	1 of 1	0	25 Oct 12	ID PLATE SG9200HE6TM (SIRA)
F35336	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6M (SIRA)
F35337	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6TM (SIRA)
F35338	1 of 1	0	25 Oct 12	ID PLATE VG9200FE6M (SIRA)

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F35394	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6ML2 (SIRA)
F35396	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6TML2 (SIRA)
F10713	1 of 1	F	25 Oct 12	ID PLATE ND9200HE1, ND7200HE1 (SIRA)
F10714	1 of 1	F	25 Oct 12	ID PLATE ND9200HE1T, ND7200HE1T (SIRA)
F10715	1 of 1	F	25 Oct 12	ID PLATE ND9200FE1 (SIRA)
F10717	1 of 1	F	25 Oct 12	ID PLATE ND9200PE1 (SIRA)
F25116	1 of 1	E	25 Oct 12	ID PLATE SG9200HE6 (SIRA)
F25118	1 of 1	F	25 Oct 12	ID PLATE SG9200HE6T (SIRA)
F25120	1 of 1	D	25 Oct 12	ID PLATE VG9200FE6 (SIRA)
F31164	1 of 1	B	25 Oct 12	ID PLATE VG9300HE6 (SIRA)
F31165	1 of 1	B	25 Oct 12	ID PLATE VG9300HE6T (SIRA)
F31166	1 of 1	B	25 Oct 12	ID PLATE VG9300FE6 (SIRA)
F31451	1 of 1	B	25 Oct 12	ID PLATE SG9300HE6 (SIRA)
F31452	1 of 1	B	25 Oct 12	ID PLATE SG9300HE6T (SIRA)
F31454	1 of 1	B	25 Oct 12	ID PLATE VG9200HE6 (SIRA)
F31455	1 of 1	B	25 Oct 12	ID PLATE VG9200HE6T (SIRA)
F35213	1 of 1	0	18 Sep 12	ID PLATE LIMIT SWITCHES ND/SG/VG9200_E/I/K/D/R_ ND7200_E/I/K/D/R_ (SIRA)
F35216	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6L2 (SIRA)
F35217	1 of 1	0	25 Oct 12	ID PLATE VG9200HE6TL2 (SIRA)
F35299	1 of 1	0	25 Oct 12	ID PLATE ND9300HE1 (SIRA)
F35300	1 of 1	0	25 Oct 12	ID PLATE ND9300HE1T (SIRA)
F35301	1 of 1	0	25 Oct 12	ID PLATE ND9300FE1 (SIRA)
F35302	1 of 1	0	25 Oct 12	ID PLATE ND9300PE1 (SIRA)
F35381	1 of 1	0	25 Oct 12	ID PLATE 9300HE6L2 (SIRA)
F35382	1 of 1	0	25 Oct 12	ID PLATE 9300HE6TL2 (SIRA)
F39905	1-3 of 3	0	18 Sep 12	AMBIENT RANGES
F35509	1 of 1	0	21 May 12	ELECTRICAL MODULES AND I/P POWER ND92/93
F30809	1 of 1	0	23 May 12	SG/VG93 TREATMENT OF OUTER SURFACES
F30624	1 of 1	A	29 May 12	SG/VG9235/7 SURFACE TREATMENT
F30625	1 of 1	A	29 May 12	SG/VG9215 SURFACE TREATMENT
F35206	1 of 1	0	29 May 12	ND92/72 SURFACE TREATMENT
F37671	1 of 1	0	29 May 12	ND93 MATERIAL OF PARTS
F18722	1 of 1	A	18 Sep 12	COOLING PLATE
F34676	1 of 1	0	19 Sep 12	ND92 VOLUME
F31896	1 of 1	0	19 Sep 12	VG/SG PAINTING
F35309	1 of 1	0	19 Sep 12	LIMIT SWITCH ID PLATE

Issue 4

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
F10713	1 of 1	G	10 Apr 13	ID PLATE ND9200HE1, ND7200HE1 (SIRA)
F10714	1 of 1	G	10 Apr 13	ID PLATE ND9200HE1T, ND7200HE1T (SIRA)
F10715	1 of 1	G	10 Apr 13	ID PLATE ND9200FE1 (SIRA)
F10717	1 of 1	G	10 Apr 13	ID PLATE ND9200PE1 (SIRA)
F25116	1 of 1	F	10 Apr 13	ID PLATE SG9200HE6 (SIRA)
F25118	1 of 1	G	10 Apr 13	ID PLATE SG9200HE6T (SIRA)
F25120	1 of 1	E	10 Apr 13	ID PLATE VG9200FE6 (SIRA)
F31164	1 of 1	C	10 Apr 13	ID PLATE VG9300HE6 (SIRA)

Project Number 80197524

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
F31165	1 of 1	C	10 Apr 13	ID PLATE VG9300HE6T (SIRA)
F31166	1 of 1	C	10 Apr 13	ID PLATE VG9300FE6 (SIRA)
F31451	1 of 1	C	10 Apr 13	ID PLATE SG9300HE6 (SIRA)
F31452	1 of 1	C	10 Apr 13	ID PLATE SG9300HE6T (SIRA)
F31454	1 of 1	C	10 Apr 13	ID PLATE VG9200HE6 (SIRA)
F31455	1 of 1	C	10 Apr 13	ID PLATE VG9200HE6T (SIRA)
F35216	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6L2 (SIRA)
F35217	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6TL2 (SIRA)
F35218	1 of 1	A	10 Apr 13	ID PLATE ND9200HE1T, ND7200HE1T (SIRA)
F35219	1 of 1	A	10 Apr 13	ID PLATE ND9200HE1TM, ND7200HE1TM (SIRA)
F35254	1 of 1	A	10 Apr 13	ID PLATE ND9200HE1, ND7200HE1 (SIRA)
F35255	1 of 1	A	10 Apr 13	ID PLATE ND9200HE1M, ND7200HE1M (SIRA)
F35299	1 of 1	A	10 Apr 13	ID PLATE ND9300HE1 (SIRA)
F35300	1 of 1	A	10 Apr 13	ID PLATE ND9300HE1T (SIRA)
F35301	1 of 1	A	10 Apr 13	ID PLATE ND9300FE1 (SIRA)
F35302	1 of 1	A	10 Apr 13	ID PLATE ND9300PE1 (SIRA)
F35303	1 of 1	A	10 Apr 13	ID PLATE ND9200FE1 (SIRA)
F35304	1 of 1	A	10 Apr 13	ID PLATE ND9200FE1M (SIRA)
F35305	1 of 1	A	10 Apr 13	ID PLATE ND9200PE1 (SIRA)
F35306	1 of 1	A	10 Apr 13	ID PLATE ND9200PE1M (SIRA)
F35317	1 of 1	A	10 Apr 13	ID PLATE SG9200HE6 (SIRA)
F35318	1 of 1	A	10 Apr 13	ID PLATE SG9200HE6T (SIRA)
F35319	1 of 1	A	10 Apr 13	ID PLATE SG9200HE6M (SIRA)
F35320	1 of 1	A	10 Apr 13	ID PLATE SG9200HE6TM (SIRA)
F35333	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6 (SIRA)
F35334	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6T (SIRA)
F35335	1 of 1	A	10 Apr 13	ID PLATE VG9200FE6 (SIRA)
F35337	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6TM (SIRA)
F35338	1 of 1	A	10 Apr 13	ID PLATE VG9200FE6M (SIRA)
F35381	1 of 1	A	10 Apr 13	ID PLATE VG9300HE6L2 (SIRA)
F35382	1 of 1	A	10 Apr 13	ID PLATE VG9300HE6TL2 (SIRA)
F35392	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6L2 (SIRA)
F35393	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6TL2 (SIRA)
F35394	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6ML2 (SIRA)
F35396	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6TML2 (SIRA)
F35336	1 of 1	A	10 Apr 13	ID PLATE VG9200HE6M (SIRA)
F34403	1 of 1	A	10 Apr 13	ISOLATION DISTANCES ND93_F/P_J; SG93_F/P_J
F34404	1 of 1	A	10 Apr 13	ISOLATION DISTANCES ND93_H_J; SG93_H_J
F34405	1 of 1	A	10 Apr 13	ISOLATION DIST ND91_H_J, ND92_H_J; SG92_H_J; VG92_H_J
F36294	1 of 1	0	10 Apr 13	ISOLATION DISTANCES VG92_F/P_J
F36295	1 of 1	0	10 Apr 13	ISOLATION DISTANCES VG93_F/P_J
F34401	1 of 1	B	10 Apr 13	ISOLATION DISTANCES ND91/92_F_J; ND91/92_P_J; VG92_F_J

The following drawings correct the listings in the previous variation.

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
F10516	1 of 1	C	10 Apr 13	RESTRICTION BODY ND92_/ND93_, ND72_
F37923	1 of 1	A	10 Apr 13	FLAMEPROOF ENCLOSURE ASSEMBLY ND92_, ND72_
F35509	1 of 1	0	10 Apr 13	ELECTRICAL MODULES AND INPUT POWER ND92/93_F/P

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
F10499*	1 of 1	A	10 Apr 13	WINDOW ND92_/93_, SG/VG92_, ND72_
F18732	1 to 4	D	10 Apr 13	PARTS LIST OF EXD CRITICAL PARTS SG/VG92_, T5/T6
F24119	1 of 1	C	10 Apr 13	FLAMEPROOF ENCLOSURE ASSEMBLY SG/VG9200, T5/T6
F30764	1 of 1	D	10 Apr 13	FLAMEPROOF ENCLOSURE ASSEMBLY SG/VG93_
F37973	1 of 1	A	10 Apr 13	FLAMEPROOF ENCLOSURE ASSEMBLY ND9300
F10513	1 of 1	D	10 Apr 13	DIAPHRAGM COVER ND92_, ND72_
F17724	1 of 1	B	10 Apr 13	COVER ND/SG/VG92_, ND72_

* This replaces F10449.

The following drawing is removed from the drawing list:

Drawing	Rev.	Title
F10449	A	WINDOW ND92_/93_, SG/VG92_, ND72_

Issue 5

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F17523	1 of 1	D	30 May 14	Switches for valve controllers
F17988	1 of 1	H	30 May 14	Switches for valve controllers
F39905	1 to 3	B	12 May 14	Ambient temperature ranges

Issue 6

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F10713	1 of 1	H	21 Jul 14	Identification Plate
F10714	1 of 1	H	21 Jul 14	Identification Plate
F10715	1 of 1	H	21 Jul 14	Identification Plate
F10717	1 of 1	H	21 Jul 14	Identification Plate
F13481	1 of 1		21 Jul 14	Housing
F16996	1 of 1	C.1	21 Jul 14	Cover
F17523	1 of 1	C	21 Jul 14	Switches for Valve Controllers
F17988	1 of 1	G	21 Jul 14	Switches for Valve Controllers
F18725	1 of 1	A	21 Jul 14	Assembly for bed of Prestage Unit
F18727	1 of 1	D	21 Jul 14	Joint Specifications
F20797	1 of 1	C.1	21 Jul 14	Cover
F23596	1 of 1	D	21 Jul 14	Housing
F24119	1 of 1	D	21 Jul 14	Flameproof Enclosure Assembly
F30624	1 of 1	B	21 Jul 14	Valve Controllers – Treatment Outer Surfaces
F30625	1 of 1	B	21 Jul 14	Valve Controllers – Treatment Outer Surfaces
F30732	1 of 1	D	21 Jul 14	Housing
F30785	1 of 1	B	21 Jul 14	Joint Specifications
F30809	1 of 1	A	21 Jul 14	Valve Controller
F30827	1 of 1	B	21 Jul 14	Limit Switch Housing
F35206	1 of 1	A	21 Jul 14	Valve Controller
F35218	1 of 1	B	21 Jul 14	Identification Plate
F35219	1 of 1	B	21 Jul 14	Identification Plate
F35254	1 of 1	B	21 Jul 14	Identification Plate
F35255	1 of 1	B	21 Jul 14	Identification Plate
F35299	1 of 1	B	21 Jul 14	Identification Plate
F35300	1 of 1	B	21 Jul 14	Identification Plate
F35301	1 of 1	B	21 Jul 14	Identification Plate
F35302	1 of 1	B	21 Jul 14	Identification Plate

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Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F35303	1 of 1	B	21 Jul 14	Identification Plate
F35304	1 of 1	B	21 Jul 14	Identification Plate
F35305	1 of 1	B	21 Jul 14	Identification Plate
F35306	1 of 1	B	21 Jul 14	Identification Plate
F37671	1 of 1	A	21 Jul 14	Valve Controller
F37935	1 of 1	A	21 Jul 14	Housing
F37974	1 of 1	A	21 Jul 14	Joint Specifications
F37974	1 of 1	A	21 Jul 14	Joint Specifications
F39905	1 to 3	A	21 Jul 14	Ambient Temperature Ranges

Drawing F14700 Revision A was removed at this issue but retained within the list of drawings to maintain the history.

Issue 7

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F34401	1 of 1	C	24 Sep 14	Isolation Distances ND91_F/P_J; VG92_F_J
F34403	1 of 1	B	24 Sep 14	Isolation Distances ND93_F/P_J; SG93_F/P_J; VG93_F/P_J
F34404	1 of 1	B	24 Sep 14	Isolation Distances ND93_H_J; SG93_H-J; VG93_H_J
F34405	1 of 1	B	24 Sep 14	Isolation Distances ND91_H_J; ND92_H_J; SG92_H_J; VG92_H_J
F36294	1 of 1	A	24 Sep 14	Isolation Distances VG92_F/P_J
F36295	1 of 1	A	24 Sep 14	Isolation Distances VG93_F/P_J

Issue 8

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F10713	1 of 1	I	02 Jun 15	ID Plate ND9200HE1, ND7200HE1 (Sira)
F10714	1 of 1	I	02 Jun 15	ID Plate ND9200HE1T, ND7200HE1T (SIRA)
F10715	1 of 1	I	02 Jun 15	ID Plate ND9200FE1 (SIRA)
F25116	1 of 1	G	02 Jun 15	ID Plate SG9200HE6 (SIRA)
F10717	1 of 1	I	02 Jun 15	ID Plate ND9200PE1 (SIRA)
F25118	1 of 1	H	02 Jun 15	ID Plate SG9200HE6T (SIRA)
F25120	1 of 1	F	02 Jun 15	ID Plate VG9200FE6 (SIRA)
F31164	1 of 1	D	02 Jun 15	ID Plate VG9300HE6 (SIRA)
F31165	1 of 1	D	02 Jun 15	ID Plate VG9300HE6T (SIRA)
F31166	1 of 1	D	02 Jun 15	ID Plate VG9300FE6 (SIRA)
F31451	1 of 1	D	02 Jun 15	ID Plate SG9300HE6 (SIRA)
F31452	1 of 1	D	02 Jun 15	ID Plate SG9300HE6T (SIRA)
F31454	1 of 1	D	02 Jun 15	ID Plate VG9200HE6 (SIRA)
F31455	1 of 1	D	02 Jun 15	ID Plate VG9200HE6T (SIRA)
F35216	1 of 1	B	02 Jun 15	ID Plate VG9200HE6L2 (SIRA)
F35217	1 of 1	B	02 Jun 15	ID Plate VG9200HE6TL2 (SIRA)
F35218	1 of 1	C	02 Jun 15	ID Plate ND9200HE1T, ND7200HE1T (SIRA)
F35219	1 of 1	C	02 Jun 15	ID Plate ND9200HE1TM, ND7200HE1TM (SIRA)
F35254	1 of 1	C	02 Jun 15	ID Plate ND9200HE1, ND7200HE1 (SIRA)
F35255	1 of 1	C	02 Jun 15	ID Plate ND9200HE1M, ND7200HE1M (SIRA)
F35299	1 of 1	C	02 Jun 15	ID Plate ND9300HE1 (SIRA)
F35300	1 of 1	C	02 Jun 15	ID Plate ND9300HE1T (SIRA)
F35301	1 of 1	C	02 Jun 15	ID Plate ND9300FE1 (SIRA)
F35302	1 of 1	C	02 Jun 15	ID Plate ND9300PE1 (SIRA)
F35303	1 of 1	C	02 Jun 15	ID Plate ND9200FE1 (SIRA)

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F35304	1 of 1	C	02 Jun 15	ID Plate ND9200FE1M (SIRA)
F35305	1 of 1	C	02 Jun 15	ID Plate ND9200PE1 (SIRA)
F35306	1 of 1	C	02 Jun 15	ID Plate ND9200PE1M (SIRA)
F35317	1 of 1	B	02 Jun 15	ID Plate SG9200HE6 (SIRA)
F35318	1 of 1	B	02 Jun 15	ID Plate SG9200HE6T (SIRA)
F35319	1 of 1	B	02 Jun 15	ID Plate SG9200HE6M (SIRA)
F35320	1 of 1	B	02 Jun 15	ID Plate SG9200HE6TM (SIRA)
F35333	1 of 1	B	02 Jun 15	ID Plate VG9200HE6 (SIRA)
F35334	1 of 1	B	02 Jun 15	ID Plate VG9200HE6T (SIRA)
F35335	1 of 1	B	02 Jun 15	ID Plate VG9200FE6 (SIRA)
F35336	1 of 1	B	02 Jun 15	ID Plate VG9200HE6M (SIRA)
F35337	1 of 1	B	02 Jun 15	ID Plate VG9200HE6TM (SIRA)
F35338	1 of 1	B	02 Jun 15	ID Plate VG9200FE6M (SIRA)
F35381	1 of 1	B	02 Jun 15	ID Plate VG9300HE6L2 (SIRA)
F35382	1 of 1	B	02 Jun 15	ID Plate VG9300HE6TL2 (SIRA)
F35392	1 of 1	B	02 Jun 15	ID Plate VG9200HE6L2 (SIRA)
F35393	1 of 1	B	02 Jun 15	ID Plate VG9200HE6TL2 (SIRA)
F35394	1 of 1	B	02 Jun 15	ID Plate VG9200HE6ML2 (SIRA)
F35396	1 of 1	B	02 Jun 15	ID Plate VG9200HE6TML2 (SIRA)

Issue 9

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
F34401	1 to 1	D	10 Feb 16	Isolation Distances ND91_F/P_J; VG92_F_J
F34403	1 to 1	C	10 Feb 16	Isolation Distances ND93_F/P_J; SG93_F/P_J; VG93_F/P_J
F34404	1 to 1	C	10 Feb 16	Isolation Distances ND93_H_J; SG93_H-J; VG93_H_J
F34405	1 to 1	C	10 Feb 16	Isolation Distances ND91_H_J; ND92_H_J; SG92_H_J; VG92_H_J
F36294	1 to 1	B	10 Feb 16	Isolation Distances VG92_F/P_J
F36295	1 to 1	B	10 Feb 16	Isolation Distances VG93_F/P_J
F69776	1 to 1	D	10 Feb 16	Valve Controller ND/SG/VG9000_J Joint specifications
F17988	1 to 1	I	11 Apr 16	Switches for Valve controllers SG/VG (includes R01 and R35)
F17523	1 to 1	E	11 Apr 16	Switches for Valve controllers ND (includes R01 and R35)
F39905	1 to 3	C	07 Mar 16	Ambient Temperature Ranges Valve Controllers
F32591	1 to 1	B	07 Mar 16	Limit switch ND/SG/VG92/93 R01, R02, R04
105427	1 to 1	A	07 Mar 16	Dimensional Drawing H Switch
105430	1 to 1	A	14 Mar 16	Dimensional Drawing G Switch

Issue 10

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
F17859	1 of 1	D	08 Aug 16	Electrical Modules and Input Power VG92/93_F Connection Diagram

Issue 11

The following drawings are modified to incorporate the modification described in Variation 11, i:

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F10713	1 to 1	J	09 Sep 16	ID Plate ND9200HE1, ND7200HE1 (Sira)
F10714	1 to 1	J	09 Sep 16	ID Plate ND9200HE1T, ND7200HE1T (SIRA)
F10715	1 to 1	J	09 Sep 16	ID Plate ND9200FE1 (SIRA)

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Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F10717	1 to 1	J	09 Sep 16	ID Plate SG9200HE6 (SIRA)
F25116	1 to 1	H	09 Sep 16	ID Plate ND9200PE1 (SIRA)
F25118	1 to 1	I	09 Sep 16	ID Plate SG9200HE6T (SIRA)
F25120	1 to 1	G	09 Sep 16	ID Plate VG9200FE6 (SIRA)
F31164	1 to 1	E	09 Sep 16	ID Plate VG9300HE6 (SIRA)
F31165	1 to 1	E	09 Sep 16	ID Plate VG9300HE6T (SIRA)
F31166	1 to 1	E	09 Sep 16	ID Plate VG9300FE6 (SIRA)
F31451	1 to 1	E	09 Sep 16	ID Plate SG9300HE6 (SIRA)
F31452	1 to 1	E	09 Sep 16	ID Plate SG9300HE6T (SIRA)
F31454	1 to 1	E	09 Sep 16	ID Plate VG9200HE6 (SIRA)
F31455	1 to 1	E	09 Sep 16	ID Plate VG9200HE6T (SIRA)
F35216	1 to 1	D	20 Oct 16	ID Plate VG9200HE6L2/L3 (SIRA)
F35217	1 to 1	D	20 Oct 16	ID Plate VG9200HE6TL2/L3 (SIRA)
F35218	1 to 1	D	09 Sep 16	ID Plate ND9200HE1T, ND7200HE1T (SIRA)
F35219	1 to 1	D	09 Sep 16	ID Plate ND9200HE1TM, ND7200HE1TM (SIRA)
F35254	1 to 1	D	09 Sep 16	ID Plate ND9200HE1, ND7200HE1 (SIRA)
F35255	1 to 1	D	09 Sep 16	ID Plate ND9200HE1M, ND7200HE1M (SIRA)
F35299	1 to 1	D	09 Sep 16	ID Plate ND9300HE1 (SIRA)
F35300	1 to 1	D	09 Sep 16	ID Plate ND9300HE1T (SIRA)
F35301	1 to 1	D	09 Sep 16	ID Plate ND9300FE1 (SIRA)
F35302	1 to 1	D	09 Sep 16	ID Plate ND9300PE1 (SIRA)
F35303	1 to 1	D	09 Sep 16	ID Plate ND9200FE1 (SIRA)
F35304	1 to 1	D	09 Sep 16	ID Plate ND9200FE1M (SIRA)
F35305	1 to 1	D	09 Sep 16	ID Plate ND9200PE1 (SIRA)
F35306	1 to 1	D	09 Sep 16	ID Plate ND9200PE1M (SIRA)
F35317	1 to 1	C	09 Sep 16	ID Plate SG9200HE6 (SIRA)
F35318	1 to 1	C	09 Sep 16	ID Plate SG9200HE6T (SIRA)
F35319	1 to 1	C	09 Sep 16	ID Plate SG9200HE6M (SIRA)
F35320	1 to 1	C	09 Sep 16	ID Plate SG9200HE6TM (SIRA)
F35333	1 to 1	C	09 Sep 16	ID Plate VG9200HE6 (SIRA)
F35334	1 to 1	C	09 Sep 16	ID Plate VG9200HE6T (SIRA)
F35335	1 to 1	C	09 Sep 16	ID Plate VG9200FE6 (SIRA)
F35336	1 to 1	C	09 Sep 16	ID Plate VG9200HE6M (SIRA)
F35337	1 to 1	C	09 Sep 16	ID Plate VG9200HE6TM (SIRA)
F35338	1 to 1	D	09 Sep 16	ID Plate VG9200FE6M (SIRA)
F35381	1 to 1	D	20 Oct 16	ID Plate VG9300HE6L2/L3 (SIRA)
F35382	1 to 1	D	20 Oct 16	ID Plate VG9300HE6TL2/L3 (SIRA)
F35392	1 to 1	D	20 Oct 16	ID Plate VG9200HE6L2/L3 (SIRA)
F35393	1 to 1	D	20 Oct 16	ID Plate VG9200HE6TL2/L3 (SIRA)
F35394	1 to 1	D	20 Oct 16	ID Plate VG9200HE6ML2/L3 (SIRA)
F35396	1 to 1	D	20 Oct 16	ID Plate VG9200HE6TML2/L3 (SIRA)

The following drawings are created to incorporate the modification described in Variation 11,ii:

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
F74514	1 to 1	0	09 Sep 16	Identification Plate
F75674	1 to 1	0	09 Sep 16	Identification Plate
F75675	1 to 1	0	09 Sep 16	Identification Plate
F75724	1 to 1	0	09 Sep 16	ID Plate ND9200HE1, ND7200HE1 (Sira)

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Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
F75725	1 to 1	0	09 Sep 16	ID Plate ND9200FE1 (SIRA)
F75726	1 to 1	0	09 Sep 16	ID Plate ND9200PE1 (SIRA)
F75728	1 to 1	0	09 Sep 16	ID Plate SG9200HE6 (SIRA)
F75729	1 to 1	0	09 Sep 16	ID Plate SG9200HE6T (SIRA)
F75733	1 to 1	0	09 Sep 16	ID Plate ND9200HE1, ND7200HE1 (SIRA)
F75734	1 to 1	0	09 Sep 16	ID Plate ND9300HE1 (SIRA)
F75735	1 to 1	0	09 Sep 16	ID Plate ND9300FE1 (SIRA)
F75736	1 to 1	0	09 Sep 16	ID Plate ND9300PE1 (SIRA)
F75737	1 to 1	0	09 Sep 16	ID Plate ND9200FE1 (SIRA)
F75738	1 to 1	0	09 Sep 16	ID Plate ND9200PE1 (SIRA)
F75739	1 to 1	0	09 Sep 16	ID Plate ND9200HE1M, ND7200HE1M (SIRA)
F75740	1 to 1	0	09 Sep 16	ID Plate ND9200FE1M (SIRA)
F75741	1 to 1	0	09 Sep 16	ID Plate ND9200PE1M (SIRA)
F75742	1 to 1	0	09 Sep 16	ID Plate ND9200HE1TM, ND7200HE1TM (SIRA)
F75771	1 to 1	0	09 Sep 16	ID PLATE LIMIT SWITCHES ND/SG/VG9200_E_/I_/K_/D_/R_ ND7200_E_/I_/K_/D_/R_ (SIRA)
F75774	1 to 1	0	09 Sep 16	ID Plate SG9300HE6 (SIRA)
F75775	1 to 1	0	09 Sep 16	ID Plate SG9300HE6T (SIRA)
F75776	1 to 1	0	09 Sep 16	ID Plate SG9200HE6 (SIRA)
F75782	1 to 1	0	09 Sep 16	LIMIT SWITCH ID PLATE
F75783	1 to 1	0	09 Sep 16	ID Plate SG9200HE6T (SIRA)
F75784	1 to 1	0	09 Sep 16	ID Plate SG9200HE6M (SIRA)
F75785	1 to 1	0	09 Sep 16	ID Plate SG9200HE6TM (SIRA)
F75786	1 to 1	0	09 Sep 16	ID PLATE LIMIT SWITCHES ND/SG/VG9200_E_/I_/K_/D_/R_ (SIRA)
F75789	1 to 1	0	09 Sep 16	ID Plate VG9200HE6 (SIRA)
F75790	1 to 1	0	09 Sep 16	ID Plate VG9200HE6T (SIRA)
F75791	1 to 1	0	09 Sep 16	ID Plate VG9200FE6 (SIRA)
F75792	1 to 1	A	20 Oct 16	ID Plate VG9300HE6L2/L3 (SIRA)
F75793	1 to 1	A	20 Oct 16	ID Plate VG9300HE6TL2/L3 (SIRA)
F75794	1 to 1	A	20 Oct 2016	ID Plate VG9200HE6L2/L3 (SIRA)
F75795	1 to 1	A	20 Oct 16	ID Plate VG9200HE6TL2/L3 (SIRA)
F75796	1 to 1	0	09 Sep 16	ID Plate VG9200HE6M (SIRA)
F75797	1 to 1	0	09 Sep 16	ID Plate VG9200HE6TM (SIRA)
F75798	1 to 1	0	09 Sep 16	ID Plate VG9200FE6M (SIRA)
F75799	1 to 1	A	20 Oct 16	ID PLATE VG9200HE6ML2/L3 (SIRA)
F75800	1 to 1	A	20 Oct 16	ID PLATE VG9200HE6TML2/L3 (SIRA)
F75801	1 to 1	0	09 Sep 16	ID PLATE VG9300HE6 (SIRA)
F75802	1 to 1	0	09 Sep 16	ID Plate VG9300HE6T (SIRA)
F75803	1 to 1	0	09 Sep 16	ID Plate VG9300FE6 (SIRA)
F75826	1 to 1	A	20 Oct 16	ID Plate VG9200HE6TL2/L3 (SIRA)
F75830	1 to 1	A	20 Oct 16	ID Plate VG9200HE6L2/L3 (SIRA)
F75831	1 to 1	0	09 Sep 16	Identification Plate VG9200HE6T
F75832	1 to 1	0	09 Sep 16	Identification Plate VG9200HE6
F75833	1 to 1	0	09 Sep 16	Identification Plate VG9200FE6 T5/T6
F76221	1 to 1	0	09 Sep 16	Identification Plate, limit switches ND93 E_/I_/K_/D_/R_

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CSA Group Netherlands B.V. Utrechtseweg 310, Building B42, 6812AR Arnhem, The Netherlands

Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Note: Sira takes no responsibility for translation of text into Russian. Metso Flow Control Oy take full responsibility for all translated text, via their declaration of technical equivalency to the English identification plate certified drawing number referenced on these drawing. Sira has only validated the remaining elements on these identification plates for compliance. E.g. coding, electrical parameters, ingress ratings, cable entry thread form and type etc.

The following drawings are created to incorporate the modification described in Variation 11,iii:

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F76217	1 of 1	0	09 Sep 16	Identification Plate, limit switch Identification Plate, limit switches ND93_E_/I_/K_/D_/R_

Issue 12 - (No new drawings were introduced.)

Issue 13

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F17523	1 to 1	F	16 May 17	Switches for Valve controllers
F17988	1 to 1	J	16 May 17	Switches for Valve controllers
F35213	1 of 1	A	16 May 17	ID Plate Limit Switches ND/SG/VG9200_E_/I_/K_/D_/R_ ND7200_E_/I_/K_/D_/R_ (SIRA)
F35307	1 of 1	A	16 May 17	ID Plate Limit Switches ND/SG/VG9200_E_/I_/K_/D_/R_ (SIRA)
F35309	1 of 1	A	16 May 17	ID Plate Limit Switches ND/SG/VG9300_E_/I_/K_/D_/R_ (SIRA)
F39905	1 to 3	D	16 May 17	Ambient Temperature Ranges Valve Controllers
F75771	1 to 1	A	16 May 17	ID Plate Limit Switches ND/SG/VG92_E7/I_/K_/D_/R_ ND72_E7/I_/K_/D_/R_ (SIRA)
F75782	1 to 1	A	16 May 17	ID Plate Limit Switches ND/SG/VG93_E7/I_/K_/D_/R_ (SIRA)
F75786	1 to 1	A	16 May 17	ID Plate Limit Switches ND/SG/VG92_E7/I_/K_/D_/R_ (SIRA)

Issue 14 - (No new drawings were introduced.)

Issue 15

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
F99113 0	1 to 1	0	15 Apr 20	Identification Plate ND92/72_HE1, HE1T, ND92_FE1, PE1 (SIRA)
F99115 0	1 to 1	0	15 Apr 20	Identification Plate ND93/92/72_HE1,HE1T, ND93/92_FE1,PE1 (SIRA)
F99123 0	1 to 1	0	15 Apr 20	Identification Plate SG93/92_HE6, HE6T (SIRA)

Issue 16

Drawing	Sheets	Rev.	Date (Stamp)	Title
F99121	1 to 1	0	23 Jun 20	Identification plate SG92_HE6, HE6T
F99116	1 to 1	0	23 Jun 20	Identification plate VG92_HE6, HE6L2, HE6L3, HE6T, HE6TL2, HE6TL3, FE6
F99118	1 to 1	0	23 Jun 20	Identification plate VG93_HE6, HE6L2, HE6L3, HE6T, HE6TL2, HE6TL3, FE6
F99119	1 to 1	0	23 Jun 20	Identification plate VG92_HE6, HE6L2, HE6L3, HE6T, HE6TL2, HE6TL3, FE6 Alternative Size 75x55
F35213	1 to 1	B	23 Jun 20	Identification plate, Limit Switches ND/SG/VG9200_E_/I_/K_/D_/R_ and D7200_E_/I_/K_/D_/R_
F99125	1 to 1	0	23 Jun 20	Identification plate , Limit Switches ND/SG/VG93/92_E_/I_/K_/D_/R_

As a result of this variation the following drawings were removed from the list of controlled drawings:

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X
Equipment: Valve Controllers (For Types, see schedule)
Applicant: Valmet Flow Control Oy

Drawing	Revision	Description
F25116	H	Identification Plate SG9200HE6 (SIRA)
F25118	I	ID Plate SG9200HE6T (SIRA)
F25120	G	ID Plate VG9200FE6 (SIRA)
F31454	E	ID Plate VG9200HE6 (SIRA)
F31455	E	ID Plate VG9200HE6T (SIRA)
F35216	D	ID Plate VG9200HE6L2/L3 (SIRA)
F35217	D	ID Plate VG9200HE6TL2/L3 (SIRA)
F31164	E	ID Plate VG9300HE6 (SIRA)
F31165	E	ID Plate VG9300HE6T (SIRA)
F31166	E	ID Plate VG9300FE6 (SIRA)
F35381	D	ID Plate VG9300HE6L2/L3 (SIRA)
F35382	D	ID Plate VG9300HE6TL2/L3 (SIRA)
F35333	C	ID Plate VG9200HE6 (SIRA)
F35334	C	ID Plate VG9200HE6T (SIRA)
F35335	C	ID Plate VG9200FE6 (SIRA)
F35392	D	ID Plate VG9200HE6L2/L3 (SIRA)
F35393	D	ID Plate VG9200HE6TL2/L3 (SIRA)
F35307	A	ID Plate Limit Switches ND/SG/VG9200 E /I /K /D /R (SIRA)
F35309	A	ID Plate Limit Switches ND/SG/VG9300 E /I /K /D /R (SIRA)
F76217	0	ID Plate Limit Switches ND93 E /I /K /D /R
F75796	0	ID Plate VG9200HE6M (SIRA)
F75797	0	ID Plate VG9200HE6TM (SIRA)
F75798	0	ID Plate VG9200FE6M (SIRA)
F75799	A	ID PLATE VG9200HE6ML2/L3 (SIRA)
F75800	A	ID PLATE VG9200HE6TML2/L3 (SIRA)
F74514	0	Identification Plate
F35219	D	ID Plate ND9200HE1TM, ND7200HE1TM (SIRA)
F35255	D	ID Plate ND9200HE1M, ND7200HE1M (SIRA)
F35304	D	ID Plate ND9200FE1M (SIRA)
F35306	D	ID Plate ND9200PE1M (SIRA)
F35319	C	ID Plate SG9200HE6M (SIRA)
F35320	C	ID Plate SG9200HE6TM (SIRA)
F35336	C	ID Plate VG9200HE6M (SIRA)
F35337	C	ID Plate VG9200HE6TM (SIRA)
F35338	D	ID Plate VG9200FE6M (SIRA)
F35394	D	ID Plate VG9200HE6ML2/L3 (SIRA)
F35396	D	ID Plate VG9200HE6TML2/L3 (SIRA)
F75674	0	Identification Plate
F75675	0	Identification Plate
F75724	0	ID Plate ND9200HE1, ND7200HE1 (Sira)
F75725	0	ID Plate ND9200FE1 (SIRA)
F75726	0	ID Plate ND9200PE1 (SIRA)
F75728	0	ID Plate SG9200HE6 (SIRA)
F75729	0	ID Plate SG9200HE6T (SIRA)
F75733	0	ID Plate ND9200HE1, ND7200HE1 (SIRA)
F75734	0	ID Plate ND9300HE1 (SIRA)
F75735	0	ID Plate ND9300FE1 (SIRA)
F75736	0	ID Plate ND9300PE1 (SIRA)

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X
Equipment: Valve Controllers (For Types, see schedule)
Applicant: Valmet Flow Control Oy

Drawing	Revision	Description
F75737	0	ID Plate ND9200FE1 (SIRA)
F75738	0	ID Plate ND9200PE1 (SIRA)
F75739	0	ID Plate ND9200HE1M, ND7200HE1M (SIRA)
F75740	0	ID Plate ND9200FE1M (SIRA)
F75741	0	ID Plate ND9200PE1M (SIRA)
F75742	0	ID Plate ND9200HE1TM, ND7200HE1TM (SIRA)
F75771	A	ID Plate Limit Switches ND/SG/VG9200_E_/I_/K_/D_/R_ ND7200_E_/I_/K_/D_/R_ (SIRA)
F75774	0	ID Plate SG9300HE6 (SIRA)
F75775	0	ID Plate SG9300HE6T (SIRA)
F75776	0	ID Plate SG9200HE6 (SIRA)
F75782	A	Limit Switch ID Plate
F75783	0	ID Plate SG9200HE6T (SIRA)
F75784	0	ID Plate SG9200HE6M (SIRA)
F75785	0	ID Plate SG9200HE6TM (SIRA)
F75786	A	ID Plate Limit Switches ND/SG/VG9200_E_/I_/K_/D_/R_ (SIRA)
F75789	0	ID Plate VG9200HE6 (SIRA)
F75790	0	ID Plate VG9200HE6T (SIRA)
F75791	0	ID Plate VG9200FE6 (SIRA)
F75792	A	ID Plate VG9300HE6L2/L3 (SIRA)
F75793	A	ID Plate VG9300HE6TL2/L3 (SIRA)
F75794	A	ID Plate VG9200HE6L2/L3 (SIRA)
F75795	A	ID Plate VG9200HE6TL2/L3 (SIRA)
F75801	0	ID PLATE VG9300HE6 (SIRA)
F75802	0	ID Plate VG9300HE6T (SIRA)
F75803	0	ID Plate VG9300FE6 (SIRA)
F75826	A	ID Plate VG9200HE6TL2/L3 (SIRA)
F75830	A	ID Plate VG9200HE6L2/L3 (SIRA)
F75831	0	Identification Plate VG9200HE6T
F75832	0	Identification Plate VG9200HE6
F75833	0	Identification Plate VG9200FE6 T5/T6
F76221	0	Identification Plate, limit switches ND93_E_/I_/K_/D_/R_

Issue 17

Drawing	Sheets	Rev.	Date (Stamp)	Title
F99113-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE ND92/72_HE1, HE1T, ND92_FE1, PE1 (SIRA)
F99115-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE ND93/92_HE1, HE1T, ND93/92_FE1, PE1 (SIRA)
F99116-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE VG92_HE6, HE6L2, HE6L3, HE6T, HE6TL2, HE6TL3, FE6 (SIRA)
F99118-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE VG93_HE6, HE6L2, HE6L3, HE6T, HE6TL2, HE6TL3, FE6 (SIRA)
F99119-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE VG92_HE6, HE6L2, HE6L3, HE6T, HE6TL2, HE6TL3, FE6 (SIRA) ALTERNATIVE SIZE 75X55
F99121-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE SG92_HE6, HE6T (SIRA)
F99123-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE SG93/92_HE6, HE6T (SIRA)
F99125-A	1 of 1	A	18 Mar 24	IDENTIFICATION PLATE, LIMIT SWITCHES ND/SG/VG93/92_E_/I_/K_/D_/R (SIRA)

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Certificate Annexe



Certificate Number: Sira 11ATEX1006X

Equipment: Valve Controllers (For Types, see schedule)

Applicant: Valmet Flow Control Oy

Drawing	Sheets	Rev.	Date (Stamp)	Title
F35213-C	1 of 1	C	18 Mar 24	IDENTIFICATION PLATE, LIMIT SWITCHES ND/SG/VG9200_E_/I_/K_/D_/R_ AND ND7200_E_/I_/K_/D_/R_ (SIRA)

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