

June 28, 2020

Attention: Martin Valois
KYTOLA INSTRUMENTS LTD
1321 BLANSHARD STREET STE 301
VICTORIA, BC V8W 0B6

The design submission, tracking number 2020-02188, originally received on April 21, 2020 was surveyed and accepted for registration as follows:

CRN : 0F20795.2 **Accepted on:** June 28, 2020
Reg Type: NEW DESIGN **Expiry Date:** June 28, 2030
Drawing No. : SCOPE OF REGISTRATION
Fitting type: CONSTANT FLOW REGULATOR: 2851 & 2914
Design registered in the name of : KYTOLA INSTRUMENTS OY

The registration is conditional on your compliance with the following notes:

- differential pressure is not applicable
- impact testing exempted as per Table 323.2.2

The following drawings are also included as part of this registration:

- 2851 Page 1-4 (dated 11-06-2020) and 2914D Page 1-5 (dated 11-06-2020)

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



DICK, ASHLING, P. Eng.



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

June 28, 2020

DOP Cert. No. D00007936

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category



I, Sakari Häyrynen, President
(name of applicant) (position title) (must be in a position of authority)

of Kytola Instruments Oy
(name of manufacturer)

located at Olli Kytölän tie 1, 40950 Muurame, Finland
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- comply with the requirements of _____ which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 last edition as supported by the (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Constant Flow Regulators 2851 all models 2914 all models	ISO 9001	Design, research and development, manufacturing, sales and marketing of flow and control devices and analyzers.	30 September 2021	Det Norske Veritas	Kytola Instruments Oy Olli Kytölän tie 1, 40950 Muurame, Finland

In support of this application, the following information, calculations and/or test data are attached:

FEA & Drawings, data sheets, ISO 9001 Certificate,

Ismo Sakari Häyrynen
(Signature of the Declarer)

April 24, 2020
(Date)

DECLARED before me at Jyväskylä in the country of Finland
(city) (province, territory, or state)

this 24th day of April, 2020
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

This is to certify the own hand signature(s) of
Ismo Sakari Häyrynen
Jyväskylä, the 24th day of April 2020
Ex officio:

Fee EUR 9€

MIYLLYMÄKI
Henkikirjoittaja, julkinen notaari
District Registrar, Notary Public



Commissioner of Oaths / Notary Public in and for: Jyväskylä, Finland
(province, territory, or state)

For ABSA Office Use Only:

NOTES: **** See Scope of Registration.**

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2020-02188

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0F20795.2

See acceptance letter for conditions of registration.

Date: 2020-06-28 By: *Ashling Dick*
ASHLING DICK, P. Eng.

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



Date : 21/04/2020

~~REFERENCE : 0F10611.2 RENEWAL~~

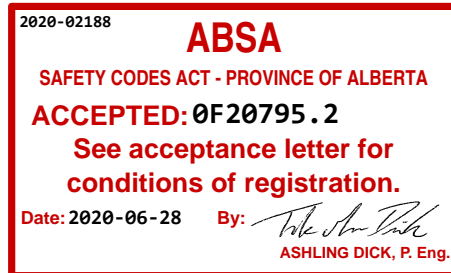
- Scope of Registration -

Desin Code: ASME B31.3 last edition

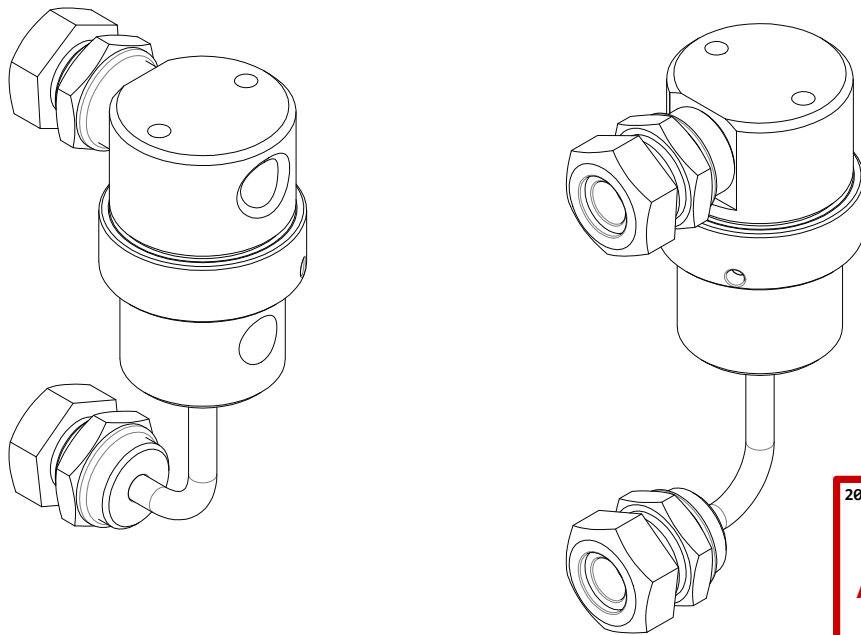
KYTOLA Constant Flow Regulator	MAWP	MAWT 175 deg F	MDMT
all models of 2851	290 psig	176°F	-20°F
all models of 2914	363 psig	176°F	-20°F

Thanks and BR

Martin Valois
Sales Engineer
(514) 691-9945
Martin.Valois@kytola.ca



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DESIGN DATA			
FAB. AND DESIGN :		ASME B31.3-2018	
SHELL			
DESIGN PRESS. :	290 PSIG	WORKING PRESS. :	290 PSIG MAX
DESIGN EXT. PRESS. :	N/A	EXT. WORKING PRESS. :	N/A
DESIGN TEMP. :	175°F	WORKING TEMP. :	175 °F MAX
M.A.W.P. :	290 PSIG @ 175°F	M.A.E.W.P. :	N/A
M.D.M.T. :	-20°F	CORROSION ALLOW. :	NONE
CONTENTS :	GAS, LIQUID	SPECIFIC GRAVITY :	---
HYDRO. TEST PRESS. :	435 PSIG		
JACKET			
DESIGN PRESS. :	N/A	WORKING PRESS. :	N/A
DESIGN EXT. PRESS. :	N/A	EXT. WORKING PRESS. :	N/A
DESIGN TEMP. :	N/A	WORKING TEMP. :	N/A
M.A.W.P. :	N/A	M.A.E.W.P. :	N/A
M.D.M.T. :	N/A	CORROSION ALLOW. :	N/A
CONTENTS :	N/A	SPECIFIC GRAVITY :	N/A
HYDRO. TEST PRESS. :	N/A		
TUBE			
DESIGN PRESS. :	N/A	WORKING PRESS. :	N/A
DESIGN EXT. PRESS. :	N/A	EXT. WORKING PRESS. :	N/A
DESIGN TEMP. :	N/A	WORKING TEMP. :	N/A
M.A.W.P. :	N/A	M.A.E.W.P. :	N/A
M.D.M.T. :	N/A	CORROSION ALLOW. :	N/A
CONTENTS :	N/A	SPECIFIC GRAVITY :	N/A
HYDRO. TEST PRESS. :	N/A		
GENERAL			
IMPACT TEST :	N/A AS PER ARTICLE 323.2.2		
RADIOGRAPH :	N/A	P.W.H.T. :	N/A
NOZZLE LOADS :	N/A	SUPPORT LOADS :	N/A
WIND LOAD :	N/A	SEISMIC LOAD :	N/A
CYCLIC LOAD :	N/A	INSULATION :	N/A
WELDING PARA. :	N/A	LETHAL SERVICE :	N/A
ASME STAMP :	N/A	NATIONAL BOARD :	N/A
INSPECTION BY :	KYTOLA		
SITE OF INSTALLATION :	NORTH AMERICA		
WEIGHT EMPTY :	2 LBS	WEIGHT FULL OF WATER :	N/A
WEIGHT OPERATING :	N/A	VOLUME :	N/A

2020-02188

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Date: 2020-06-28

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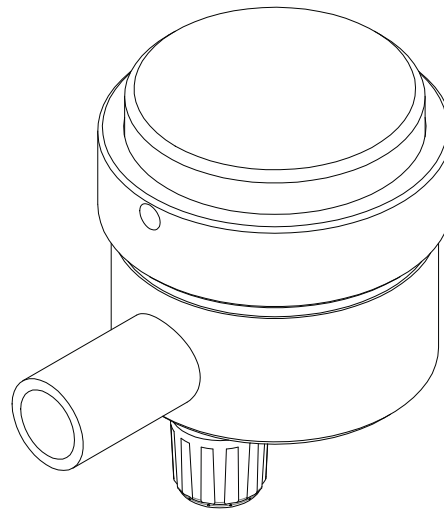
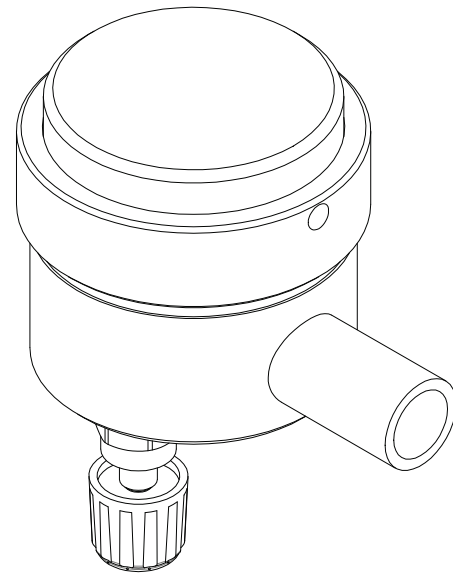
11-06-2020

FOR CRN REGISTRATION ONLY
NOT FOR FABRICATION

Conçu par (Designed by):	Date:	Pro:	Poids (Weight):	Format:
KYTOLA	2020-01-26		0.0 kg	C
Dessiné par (Draw by):	Date:	Client:		
P. JEAN	2020-03-05			
Appr. par (By):	Date:	Num. client modèle (model) ID:	Titre (Title):	
P. BONNIER ING.	2020-03-06			
Tolérances:	Projection:	Num. client dessin (drawing) ID:		
0" - 12" = 1/32"				
12" - 78" = 1/16"				
78" > = 1/8"				
	Sign:	Num. client pièce (part):	Num. MCMCAD:	Rev. Page
		2851		1 / 4

Kytola
INSTRUMENTS

2851N CONSTANT FLOW
REGULATOR FOR L-METER



DESIGN DATA

FAB. AND DESIGN :				ASME B31.3-2018			
SHELL							
DESIGN PRESS. :	363 PSIG	WORKING PRESS. :	363 PSIG MAX				
DESIGN EXT. PRESS. :	N/A	EXT. WORKING PRESS. :	N/A				
DESIGN TEMP. :	176 °F	WORKING TEMP. :	176 °F MAX				
M.A.W.P. :	363 PSIG @ 176°F	M.A.E.W.P. :	N/A				
M.D.M.T. :	-20°F	CORROSION ALLOW. :	NONE				
CONTENTS :	GAS, LIQUID	SPECIFIC GRAVITY :	---				
HYDRO. TEST PRESS. :	545 PSIG						
JACKET							
DESIGN PRESS. :	N/A	WORKING PRESS. :	N/A				
DESIGN EXT. PRESS. :	N/A	EXT. WORKING PRESS. :	N/A				
DESIGN TEMP. :	N/A	WORKING TEMP. :	N/A				
M.A.W.P. :	N/A	M.A.E.W.P. :	N/A				
M.D.M.T. :	N/A	CORROSION ALLOW. :	N/A				
CONTENTS :	N/A	SPECIFIC GRAVITY :	N/A				
HYDRO. TEST PRESS. :	N/A						
TUBE							
DESIGN PRESS. :	N/A	WORKING PRESS. :	N/A				
DESIGN EXT. PRESS. :	N/A	EXT. WORKING PRESS. :	N/A				
DESIGN TEMP. :	N/A	WORKING TEMP. :	N/A				
M.A.W.P. :	N/A	M.A.E.W.P. :	N/A				
M.D.M.T. :	N/A	CORROSION ALLOW. :	N/A				
CONTENTS :	N/A	SPECIFIC GRAVITY :	N/A				
HYDRO. TEST PRESS. :	N/A						
GENERAL							
IMPACT TEST :	N/A AS PER ARTICLE 323.2.2						
RADIOGRAPH :	N/A	P.W.H.T. :	N/A				
NOZZLE LOADS :	N/A	SUPPORT LOADS :	N/A				
WIND LOAD :	N/A	SEISMIC LOAD :	N/A				
CYCLIC LOAD :	N/A	INSULATION :	N/A				
WELDING PARA. :	N/A	LETHAL SERVICE :	N/A				
ASME STAMP :	N/A	NATIONAL BOARD :	N/A				
INSPECTION BY :	KYTOLA						
SITE OF INSTALLATION :	NORTH AMERICA						
WEIGHT EMPTY :	4 LBS	WEIGHT FULL OF WATER :	N/A				
WEIGHT OPERATING :	N/A	VOLUME :	N/A				

2020-02188

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11-06-2020

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NOT FOR FABRICATION

Conçu par (Designed by):	Date:	Pro:	Poids (Weight):	Format:
KYTOLA	2020-01-27	N/A	N/A	C
Dessiné par (Draw by):	Date:	Client:		
P. JEAN	2020-03-05			
Appr. par (By):	Date:	Num. client modèle (model) ID:	Titre (Title):	
P. BONNIER ING.	2020-03-05		2914D CONSTANT FLOW REGULATOR FOR L-METER	
Tolérances:	Projection:	Num. client dessin (drawing) ID:		
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12" - 78" = 1/16"				
78" > = 1/8"				
Sign:	Num. client pièce (part):	Num. MCMCAD:	Rev:	Page:
	2914D			1 / 5