TECHNICAL STANDARDS & SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

FISHER®

STATUTORY DECLARATION
Registration of Fittings

I, David E. Woollums - Vice President of Engineering
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Emerson Process management, Regulator Technologies, Inc.
(Name of Manufacturer)

Located at 310 East University Dr, McKinney TX, 75070, USA 972-548-3192 972-547-3730
(Plant Address) *(Telephone No.)* *(Fax No.)*

☐ do solemnly declare that the fittings listed hereunder, which are subject to the ***Technical Standards and Safety Act***, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☑ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 326 as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO9001 which has been verified by the following authority, AJA, SAI Global, HSB, CQC or Bureau Veritas.

The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows:

Attachment Add-8 Product Summary, Bulletins, Drawings, Calculations, Test Reports, Body Rating Sheet, and ISO Certifica

(drawings, calculations, test reports, etc.)

Declared before me at Emerson Process Mgmt **in the** County **of** Collin

the 30th **day of** March **AD 20** 11.

Commissioner for Oaths:

Mollie Steadman
(Printed name)

Mollie Steadman
(Signature)

NOTARY PUBLIC STATE OF TEXAS
MOLLIE STEADMAN
NOTARY PUBLIC
State of Texas
Comm. Exp. 07-29-2014

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the ***Technical Standards and Safety Act***, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category C.

CRN: OC8768.5 ADD8

Registered by: NORMAN NGAI

Dated: APR. 13, 2011

NOTE: This registration expires on SEPT. 6, 2013

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: OC8768.5ADD8

Signed: Norman Ngai

Date: APR. 13, 2011

PV 09553 (06/04) NOTE = PLEASE REFER TO ATTACHED 4 PAGES FOR SCOPE OF REGISTRATION.

N.N. APR. 13. 2011.

Attachment A-ADD8 for TSSA CRN Application

Emerson Process Management - Regulator Technologies Inc,

Tab #	Bulletin Name	Bulletin #	Type Number Series	Material	Reference
Group 1	71.1:CS200	D103133X012	CS200 Series CS205 Series CS206 Series	Gray Cast Iron	0C8768.5 (Attachement A - Group 15) Product expansion
	71.1:CP200	D103135X012	CP200 Series CP205 Series CP206 Series		
Group 2	71.1:CS400	D103134X012	CS400 Series	Gray Cast Iron	0C8768.5 (Attachement A - Group 15) Replaces 71.1:S300 Series 71.2:S301 Series
	71.1:CP400	D103136X012	CP400 Series		
Group 3	71.1:CS800	D103140X012	CS800 Series CS805 Series CS806 Series	Gray Cast Iron	0C8768.5 (Attachement A - Group 12) Replaces 71.1:S200 Series

New Manufactuing Location

Fisher Jeon Gas Equipment (Chengdu) Co., Ltd.
No.9 Wukedong 2nd Road
Chengdu, Sichuan, P.R.China Asia
Contact: Jiao Feng
telephone: (86) 28-85360000
e-mail: jiao.feng@emerson.com

ISO Registrar: CQC
ISO Certification Number: 00110Q24487R3M/5100
Date of Expiration: 5/20/2013

THIS IS PART OF
CRN 0C8768.5 ADD8
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety
N.N.
APR.13.2011

TYPE CS200/CP200 BODY RATING SUMMARY

Summary Rating Tables for ASME B16.4 Materials

ASME/ANSI B16.4 (2006): Gray Iron Theaded Fittings, Classes 125 and 250

Table 1 Pressure-Temperature Ratings			
Temp		Working Pressure Class 125 / NPS 1-12/Class A	
°C	°F	Bar	PSI
-29 to 66	-20 to 150	12.1	175
100	212	11.1	161
125	257	10.2	148
150	302	9.8	142

THIS IS PART OF CRN 0C8768.5 ADD8
Technical Standards & Safety Authority
Boilers & Pressure Vessels Safety
N.N.
APR.13.2011

Summary of Product Information

PRODUCT INFORMATION					BODY INFORMATION					
					BODY MATERIAL: ASTM A126 Class B [1]			Min Wall Thickness		
Bulletin Name	Bulliten #	Family Type #	Max Temp	Max Inlet Pressure	Body Casting Dwg/No	Body Machine Dwg/No	End Connection Size/Class	Requirement [2,3] ASME B16.4 Table 2	Actual	Test Report Required [4]
			° C (°F)	Bar (psi)				mm (in)	mm (in)	
					Summary of ASME B16.4 Threaded Fittings					
71.1:CS200	D103133X012	CS200 Series - CS200 - CS205 - CS206	66° (150°)	12.1 (175)	GE30974	GE30991	NPS 3/4 CL125 NPT	3.6 (0.142)	4.1 (0.161)	No
					GE30990	GE30992	NPS 3/4 x 1 CL125 NPT	3.6 (0.142)	4.3 (0.169)	No
						GE30993	NPS 1 CL125 NPT	4.1 (0.161)	4.3 (0.169)	No
71.1:CP200	D103135X012	CP200 Series - CP200 - CP205 - CP206			GE17617	GE17958	NPS 3/4 x 1 1/4 CL125 NPT	3.6 (0.142)	4.3 (0.169)	No
						GE18079	NPS 1 x 1 1/4 CL125 NPT	4.1 (0.161)	4.3 (0.169)	No
						GE18080	NPS 1 1/4 CL125 NPT	4.1 (0.161)	4.3 (0.169)	No

NOTES: (1) Class B material selected for economic reasons.
Class A material is allowable for max inlet rating of 175psi per ASME B16.4
(2) ASME B16.4 Table 2, wall thck x 90% (ASME B16.4 - 6.c1)
(3) For reducing Bodies, Min Wall requirement is determined by inlet connection
(4) Witnessed proof test in accordance with the following standards
- Fisher ES123 - Proof of Design Hydrostatic Test procedure
- ASME BPVC Sec VIII, Div 1, UG101

CONCLUSIONS:

The above products meet pressure/temperature ratings in accordance with ASME B16.4

TYPE CS400/CP400 BODY RATING SUMMARY

Summary Rating Tables for ASME B16.1 and B16.4 Materials

ASME/ANSI B16.4 (2006): Gray Iron Theaded Fittings, Classes 125 and 250

Table 1 Pressure-Temperature Ratings			
Temp		Working Pressure Class 125 / NPS 1-12/Class A	
°C	°F	Bar	PSI
-29 to 66	-20 to 150	12.1	175
100	212	11.1	161
125	257	10.2	148
150	302	9.8	142

ASME/ANSI B16.1 (2005): Gray Iron Pipe Flanges and Flanged Fittings

Table 1 Pressure-Temperature Ratings			
Temp		Working Pressure Class 125 / NPS 1-12/Class A	
°C	°F	Bar	PSI
-29 to 65	-20 to 150	12.1	175
80	176	11.6	168
100	212	11	160
120	248	10.4	151

THIS IS PART OF
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Summary of Product Information

PRODUCT INFORMATION					BODY INFORMATION							
					BODY MATERIAL: ASTM A126 Class B [1]			Min Wall Thickness		Min Flange Thickness		
Bulletin Name	Bulliten #	Family Type #	Max Temp	Max Inlet Pressure	Body Casting Dwg/No	Body Machine Dwg/No	End Connection Size/Class	Requirement [2,3] ASME B16.4	Actual	Requirement ASME B16.1 Table 7	Actual	Test Report Required [4]
			°C (°F)	Bar (psi)				mm (in)	mm (in)	mm (in)	mm (in)	
					Summary of ASME B16.4 Threaded Fittings							
71.1:CS400	D103134X012	CS400 Series	66° (150°)	12.1 (175)	GE26076	GE46365	NPS 1 x 1 ¼ CL125 NPT	4.1 0.161)	5.1 (0.200)	N/A		No
						GE26446	NPS 1¼ CL125 NPT	4.1 0.161)	5.1 (0.200)	N/A		No
						GE44458	NPS 1 ¼ x 1 ½ CL125 NPT	4.1 0.161)	5.1 (0.200)	N/A		No
71.1:CP400	D103136X012	CP400 Series				GE26448	NPS 1 ½ CL125 NPT	4.5 (0.177)	5.1 (0.200)	N/A		No
					GE26123	GE26459	NPS 2 CL125 NPT	5.0 (0.197)	5.6 (0.220)	N/A		No
					Summary of ASME B16.1 Flanged Fittings							
					GE26383	GE26460	NPS 2 CL125FF 10 in. F to F	6.9 (0.272)	5.6 (0.220)	15.9 (0.626)	15.9 (0.626)	Included

NOTES: (1) Class B material selected for economic reasons.
Class A material is allowable for max inlet rating of 175psi
(2) Threaded bodies = ASME B16.4 Table 2, wall thck x 90% (ASME B16.4 - 6.(c)(1))
Flange bodies = ASME B16.1 Table 5, wall thck x 87.5% (ASME B16.1-6.1)
(3) For reducing Bodies, Min Wall requirement is determined by inlet connectior
(4) Witnessed proof test in accordance with the following standards
- Fisher ES123 - Proof of Design Hydrostatic Test procedure
- ASME BPVC Sec VIII, Div 1, UG101

CONCLUSIONS:

The above products meet pressure/temperature ratings in accordance with ASME B16.1 & ASME B16.4

TYPE CS800 SERIES BODY RATING SUMMARY

Summary Rating Tables for ASME B16.1 and B16.4 Materials

ASME/ANSI B16.4 (2006): Gray Iron Theaded Fittings, Classes 125 and 250

Table 1 Pressure-Temperature Ratings			
Temp		Working Pressure Class 125 / NPS 1-12/Class A	
°C	°F	Bar	PSI
-29 to 66	-20 to 150	12.1	175
100	212	11.1	161
125	257	10.2	148
150	302	9.8	142

ASME/ANSI B16.1 (2005): Gray Iron Pipe Flanges and Flanged Fittings

Table 1 Pressure-Temperature Ratings			
Temp		Working Pressure Class 125 / NPS 1-12/Class A	
°C	°F	Bar	PSI
-29 to 65	-20 to 150	12.1	175
80	176	11.6	168
100	212	11	160
120	248	10.4	151

THIS IS PART OF CRN 0C8768.5A008
Technical Standards & Safety Authority
Boilers & Pressure Vessels Safety N.N.
APR. 13, 2011

Summary of Product Information

PRODUCT INFORMATION					BODY INFORMATION							
					BODY MATERIAL: ASTM A126 Class B[1]			Min Wall Thickness		Min Flange Thickness		Test Report Required[3]
Bulletin Name	Bulliten #	Family Type #	Max Temp	Max Inlet Pressure	Body Casting Dwg/No	Body Machine Dwg/No	End Connection Size/Class	Requirement[2] ASME B16	Actual	Requirement ASME B16.1 Table 7	Actual	
			° C (°F)	Bar (psi)				mm (in)	mm (in)	mm (in)	mm (in)	
71.1:CS800	D103140X012	CS800 Series - CS800 - CS805 - CS806	66° (150°)	12.1 (175)	Summary of ASME B16.4 Threaded Bodies							
					GE26077	GE25859	NPS 1 ¼ CL125 NPT	4.1 0.161)	5.1 (0.200)	N/A		No
						GE26296	NPS 1 ½ CL125 NPT	4.5 (0.177)	5.1 (0.200)	N/A		No
					GE26078	GE26300	NPS 2 CL125 NPT	5.0 (0.197)	5.6 (0.220)	N/A		No
					Summary of ASME B16.1 Flanged Bodies							
					GE26079	GE26301	NPS 2 CL125FF 7.5 in. F to F	6.9 (0.272)	5.6 (0.220)	15.9 (0.626)	15.9 (0.626)	Included
					GE26113	GE26303	NPS 2 CL125FF 10 in. F to F	6.9 (0.272)	5.6 (0.220)	15.9 (0.626)	15.9 (0.626)	Included

NOTES: (1) Class B material selected for economic reasons.
Class A material is allowable for max inlet rating of 175psi
(2) Threaded bodies = ASME B16.4 Table 2, wall thck x 90% (ASME B16.4 - 6.c1)
Flange bodies = ASME B16.1 Table 5, wall thck x 87.5% (ASME B16.1-6.1)
(3) Witnessed proof test in accordance with the following standards
- Fisher ES123 - Proof of Design Hydrostatic Test procedure
- ASME BPVC Sec VIII, Div 1, UG101

CONCLUSIONS:

The above products meet pressure/temperature ratings in accordance with ASME B16.1 & ASME B16.4