

Scanadnavian & North American Supply Chain CRN

Elbows

Range Sold	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Manufacturer	Material	Standard	Proof Test Size	Proof Test Wall	Burst info	Submitted	Complete
12 - 36"	12	0.156	0.055	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	0.218	yes	
12 - 36"	12	0.134	0.055	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	0.218	yes	
6 - 12"	3	0.083	0.034	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
6 - 12"	3	0.083	0.034	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
12 - 36"	12	0.156	0.055	Ovik Sweden	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	0.218	yes	
12 - 36"	12	0.134	0.055	Ovik Sweden	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch 5s	0.218	yes	
3 - 12"	3	0.083	0.034	Ovik Sweden	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
3 - 12"	3	0.083	0.034	Ovik Sweden	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
4 - 16"	4	0.083	0.037	J - Stad Finland	316/304L	A/SA 403 - 774 / MSS SP 43 / ANSI B16.9	8	sch10s	0.148	yes	

THIS IS PART OF
CRN 0A12096.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program
March - FEB. 2008

ATTACHMENT FOR
 CRN: CSA-0A12096.56

THIS IS PART OF
 CRN 0A12096.56
 Technical Standards & Safety Authority
 Safety & Pressure Vessels
 Program
 Feb 29/08

Range Sold	Concs / Eccs Reducers				Proof Test								
	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Material	Standard ANSI B16.9	Proof Test Size	Wall	Burst info Submitted Complete					
8 - 36"	8	0.148	0.375	0.041	0.990	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes
8 - 36"	8	0.148	0.375	0.041	0.990	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes
3 - 24"	3	0.120	0.375	0.045	0.540	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	12	sch10s	0.180	yes
3 - 24"	3	0.120	0.375	0.045	0.540	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	12	sch10s	0.180	yes
8 - 36"	8	0.148	0.375	0.041	0.495	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes
8 - 36"	8	0.148	0.375	0.041	0.495	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes

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 CRN # 0A12096.56
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
 March 2008

Tees

Size Sold	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Manufacturer	Material	Standard ANSI B16.9	Proof Test Size	Proof Test Wall	Burst info	Submitted	Complete
8 - 24"	6 24	0.148 0.375	0.045 1.080	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		

Caps

Size Sold	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Manufacturer	Material	Standard ANSI B16.9	Proof Test Size	Proof Test Wall	Burst info	Submitted	Complete
8 - 24"	6 24	0.008 0.375	0.045 1.080	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		



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

OUTOKUMPU

STATUTORY DECLARATION
Registration of Fittings

I, Kris Podsiad, Plant Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Outokumpu Stainless Tubular Products Ltd.
(Name of Manufacturer)

Located at 180 Laurier Blvd, Brockville Ontario Canada 613 345 5502 613 345 0160
(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 A/SA 403, A/SA 774, A/SA 815, B16.9, SP-43

(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 _____ 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 ISO 9001:2000 which has been verified by the following authority, QMI

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

24" & 6" Elbow, 18 x 16" Reducer, 12 x 6" Reducer, 12" Tee with CapsBurst Proof Test, Outokumpu Catalogue

(drawings, calculations, test reports, etc.)

Declared before me at City of Brockville in the Province of Ontario

the 25th day of January AD 2008

Commissioner for Oaths:

NEVILLE C. JOHNSON

(Printed name)

Neville C. Johnson

(Signature)

NOTARY PUBLIC

[Signature]

(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 A

CRN: CSA-0A12096.56

Registered by: R. BARNES

Dated: APRIL 14, 2008

NOTE: This registration expires on MARCH 1, 2018



Canadian Standards Association
 178 Rexdale Blvd.
 Toronto, ON (416) 747-4000

REGISTERED

C.R.N.: CSA-0A12096.56

Signed: *R. Barnes*

Date: APRIL 14, 2008

NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF THE REGISTRATION.

Scanadavian & North American Supply Chain CRN

Elbows Range Sold	Size Range Covered	Thickness Range Sold		Thickness Range Covered	Manufacturer	Material	Standard	Proof Test		Burst info	Submitted	Complete
		0.156	0.375					0.055	Wall			
12 - 36"	12	0.156	0.375	0.055	1.308	Brockville	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	0.218	yes	
12 - 36"	12	0.134	0.375	0.055	1.308	Brockville	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	0.218	yes	
6 - 12"	3	0.083	0.375	0.034	0.804	Brockville	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
6 - 12"	3	0.083	0.364	0.034	0.804	Brockville	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
12 - 36"	12	0.156	0.500	0.055	1.308	Ovik Sweden	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	0.218	yes	
12 - 36"	12	0.134	0.375	0.055	1.308	Ovik Sweden	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch 5s	0.218	yes	
3 - 12"	3	0.083	0.375	0.034	0.804	Ovik Sweden	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
3 - 12"	3	0.083	0.375	0.034	0.804	Ovik Sweden	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	0.134	yes	
4 - 16"	4	0.083	0.375	0.037	0.888	J - Stad Finland	A/SA 403 - 774 / MSS SP 43 / ANSI B16.9	8	sch10s	0.148	yes	

THIS IS PART OF
CRN 0A12096.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program
WCA - FEB. 21 08

ATTACHMENT FOR
CRN : CSA - 0A12096.56

THIS IS PART OF
 CRN 0A12096.56
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
 WNCN FEB 19/08

Range Sold	Concs / Eccs Reducers				Proof Test									
	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Material	Standard ANSI B16.9	Proof Test Size	Wall	Burst info Submitted	Complete					
8 - 36"	8	0.148	0.375	0.041	0.990	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes	
8 - 36"	8	0.148	0.375	0.041	0.990	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes	
3 - 24"	3	0.120	0.375	0.045	0.540	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	12	sch10s	0.180	yes	
3 - 24"	3	0.120	0.375	0.045	0.540	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	12	sch10s	0.180	yes	
8 - 36"	8	0.148	0.375	0.041	0.495	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes	
8 - 36"	8	0.148	0.375	0.041	0.495	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes	

THIS IS PART OF
 CRN # 12096.56
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
Wick

Tees

Size Sold	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Manufacturer	Material	Standard ANSI B16.9	Proof Test Size	Proof Test Wall	Burst info	Submitted	Complete
8 - 24"	6 24	0.148 0.375	0.045 1.080	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		

Caps

Size Sold	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Manufacturer	Material	Standard ANSI B16.9	Proof Test Size	Proof Test Wall	Burst info	Submitted	Complete
8 - 24"	6 24	0.008 0.375	0.045 1.080	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		



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

OUTOKUMPU

STATUTORY DECLARATION
Registration of Fittings

I, Bengt Råbacka, Plant Manager and I, Ben Svenfors, Personnel Manager
 (Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Outokumpu Stainless Tubular Products Oy Ab
 (Name of Manufacturer)

Located at Nordanvägen 11, P.O. Box 15, FIN-68601 JAKOBSTAD, FINLAND + 358 6 786 5111 + 358 6 786 5222
 (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
A/SA 403, A/SA 774, A/SA 815, B 16.9, SP-43
 (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
 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 ISO 9001:2000
 which has been verified by the following authority, TÜV Certification Body

The items covered by this declaration, for which I seek registration, are category butt welded
 this application, the following information and/or test data are attached as follows:

8" sch 10S burst proof test, theoretical burst test chart, OSTP catalogue, ISO 9001:2000 certification
 (drawings, calculations, test reports, etc.)

 type fittings. In support of
 Canadian Standards Association
178 Rexdale Blvd.
Toronto, ON (416) 747-4000

Declared before me at _____ in the _____

the _____ day of _____ AD 20 _____

Commissioner for Oaths:

(Printed name)

(Signature)

REGISTERED
 of _____

C.R.N. CSA-0A12096.56*

Signed: R. Barnes

Date: APRIL 14, 2008

B. Råbacka
 (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 'A'

CRN: CSA-0A12096.56

Registered by: R. BARNES

Dated: APRIL 14, 2008

NOTE: This registration expires on MARCH 1, 2018

This is to certify that
Bengt Råbacka & Ben Svenfors
 are hereby authorized to sign for and on behalf of
Outokumpu Stainless Tubular Products
 Jakobstad, Finland
 By virtue of office: [Signature]

NOTARY PUBLIC
 District Registrar

Maria Lunardi



PV 09553 (06/04) * NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF THE REGISTRATION.

U = 88 / 2008
Fee: 6.00 €

Scanadnavian & North American Supply Chain CRN

Elbows Range Sold	Size Range Covered	Thickness Range Sold		Thickness Range Covered	Manufacturer	Material	Standard	Proof Test		Burst Info	Submitted	Complete
		0.156	0.375					0.055	0.218			
12 - 36"	12	0.156	0.375	1.308	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	yes		
12 - 36"	12	0.134	0.375	1.308	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	yes		
6 - 12"	3	0.083	0.375	0.804	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	yes		
6 - 12"	3	0.083	0.364	0.804	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	yes		
12 - 36"	12	0.156	0.500	1.308	Ovik Sweden	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	yes		
12 - 36"	12	0.134	0.375	1.308	Ovik Sweden	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	24	sch5s	yes		
3 - 12"	3	0.083	0.375	0.804	Ovik Sweden	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	yes		
3 - 12"	3	0.083	0.375	0.804	Ovik Sweden	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	sch10s	yes		
4 - 16"	4	0.083	0.375	0.888	J - Stad Finland	316/304L	A/SA 403 - 774 / MSS SP 43 / ANSI B16.9	8	sch10s	yes		

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Boilers & Pressure Vessels
Safety Program
MCA - FEB. 19 08

THIS IS PART OF
CRN 0A12096.56
 Technical Standards & Safety Authority
 Safety Program
 FEB 19 2008
W. Mc...

Concs / Eccs Reducers														
Range Sold	Size Range Covered		Thickness Range Covered		Manufacturer	Material	Standard ANSI B16.9	Proof Test						
	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Proof Test Size				Wall	Burst info Submitted	Complete				
8 - 36"	8	36	0.148	0.375	0.041	0.990	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes
8 - 36"	8	36	0.148	0.375	0.041	0.990	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes
3 - 24"	3	12	0.120	0.375	0.045	0.540	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	12	sch 10s	0.180	yes
3 - 24"	3	12	0.120	0.375	0.045	0.540	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	6	12	sch 10s	0.180	yes
8 - 36"	8	32	0.148	0.375	0.041	0.495	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes
8 - 36"	8	32	0.148	0.375	0.041	0.495	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	16	18	sch 5s	0.165	yes

THIS IS PART OF
 CRN 0A12096.56
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
 W. J. ... FEB 20 2008

Tees

Size Sold	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Manufacturer	Material	Standard ANSI B16.9	Proof Test Size	Proof Test Wall	Burst info	Submitted	Complete
8 - 24"	6 24	0.148 0.375	0.045 1.080	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		
8 - 24"	6 24	0.148 0.375	0.045 1.080	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S	0.180	yes		

Caps

Size Sold	Size Range Covered	Thickness Range Sold	Thickness Range Covered	Manufacturer	Material	Standard ANSI B16.9	Proof Test Size	Proof Test Wall	Burst info	Submitted	Complete
8 - 24"	6 24	0.008 0.375	0.045 1.080	Brockville	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Brockville	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Ovik	316/304L	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		
8 - 24"	6 24	0.134 0.375	0.045 1.080	Ovik	Duplex	A/SA 403 - 774 - 815/ MSS SP 43 / ANSI B16.9	12 sch10S capped 12 12" tee	0.180	yes		