

#### Celebrating 20 years 1995 – 2015

9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

October 13, 2014

Attention: Tanya Francis

**TECHNICAL STANDARDS & SAFETY AUTHORITY** 

3300 BLOOR STREET WEST 14 FLOOR CENTRE TOWER TORONTO. ON M8X 2X4

The design submission, tracking number 2014-03406, originally received on April 28, 2014 was surveyed and accepted for registration as follows:

CRN:

0A09575.52

Accepted on: October 13, 2014

Reg Type:

Addition to Acc. Fitting

Expiry Date: July 08, 2024

Drawing No.: AWAJI MANUFACTURING ITEM BROCHURE As Noted

Fitting type: ELBOWS, TEES, REDUCERS & CAPS

Design registered in the name of : AWAJI MATERIA (THAILAND) CO LTD

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

\*\*\*See Attachment (4 Pages) to the Alberta Statutory Declaration Form for the Scope of Registration.

-Note that we have registered the Pipe Fittings which conform in entirety to ASME B16.9 standard only under this registration excluding the Pipe Fittings made to any other standards/codes.

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 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.

Enclosed are stamped prints for your reference.

Sincerely,

DESAI, B.C., P. Eng.



## the pressure equipment safety authority

#### STATUTORY DECLARATION Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



, Mr.Paiboon Wongwant	anee ,	AST	
Director		<u> </u>	
company title, e.g. vice presi	ident, plant manager, chief engineer) (must be	in a position of authority)	
of AWAJI MATERIA(THA	JLAND) CO.,LTD.		
	(name of manu	ufacturer)	
located at 81 Moo 4,Pra	akasa Rd. Tambol Bangmaung,Amphur Mu	uang Samutprakarn 10270 Thailand	_
<del>""</del>	(plant addre	•	
do solemnly declare that th (check one)	he fittings listed hereunder, which are sub	bject to the Safety Codes Act	
•	ASTM A234/SA23 equirements of ASTM A420/SA420 WPL6 a (title of recognized North Am	and ASME B16.9 which specifies the dimensions,	
materials of const		d identification marking of the fittings, or	
are not covered by	the provisions of a recognized North An	merican standard and are therefore manufactured to	
comply with	as supporte	ed by the attached data which identifies the dimensions,	
materials of consti	ruction, pressure/temperature ratings and	the basis for such ratings, and the marking of the fittings	i
for identification.			
I further declare that the m	nanufacture of these fittings is controlled	by a quality control program which has been verified by	the
following authority,	BUREAU VERITAS Certification as	s being suitable for the manufacture of these fittings to the	e
-		n I seek registration, are ELBOW, TEE, REDUCER & CAP	
	ion, the following information, calculation		_
••	AND) CO.,LTD. Manufacturing Items	nis and of test data are attached.	
	and) co.,e.ro. Harra detaining Teems		—
Proof test data			=
DECLARED before me a	t Canadian Embassy in the City of	of Bangkok of Thailand	
1)th	2 CAS-15-15	6	
this	day of May 2014 (Year)		
(print)	Sébastien Roy	Consul (Signature of Applicant)	
(sign) (A Commissioner	Gounsellor (Administration) and Counsellor (Administration) et Co	Consu	<b>3</b>
For Office Use Only	See Attach	ent (4 tages) for safe of &	egis
To the best of my knowle B51, Clause 4.2, and is ac	dge and belief, the application meets the ccepted for registration in Category	requirements of the Safety Codes Act and CSA Standard	
Registration Number:	0 A 0 9 5 7 5	(For the Administration Chief Inspector of Alberta)	
Date Registered:	OCT 1 3 2014		120
information you provide is necessar	ary only for the administration of the programs as requi	nired by the Alberta Safety Codes Act and Regulations in the Boiler Discipline	e.



14th Floor, Centre Tower 3300 Bloor Street West Toronto, Ontario Canada M8X 2X4 Tel.: 416.734.3300 Fax: 416.231.1626

Toll Free: 1.877.682.8772

www.tssa.org

February 18, 2015

PRNTIP SINPITAK AWAJI MATERIA (THAILAND) CO LTD 81 MOO4 PRAKASA RD;TAMBOL BANGMUANG AMPHUR MUANG SAMUTPRAKARN 10270 TH

Service Request Type.: BPV-National AB

Service Request No.: 1446604

Your Reference No.:

Registered to.: AWAJI MATERIA (THAILAND) CO LTD

Dear PRNTIP SINPITAK,

Please find enclosed the original response from AB, registered under the CRN No.: 0A09575.52.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant\_ BPV Engineering

Tel. :416-734-3423 Fax : 416-231-6183 Email :tfrancis@tssa.org



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> Cocylin Gerbeez, a Commissioner, etc., City of Toronto, for the Technical Standards & Safety Authority. Expires June 17, 2017.

### AMT MFG. Item (ELBOW)

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Note: Contact AMT in case of ordering special degree elbow.

Available, : Not Specified in Standard Spec. Not Available, : New Available, : Contact AMT for order, See Acceptance Latter for the comme

SAFETY CODES ACT - PROVINCE OF ALBERTA **REGISTRATION OF FITTINGS** 

DWG. NO. Or CAT. NO. Hem Brochure Ar

TYPE OF FITTINGS Elbous Tees Reducers + Caps

DESIGN SURVEY ENGINEER

hal"

CLASE OF HILLS

IM" KI CILL

Mediana and A A A A B B P 5

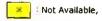
REGISTRAT IN CONTINUE.

SWELL COURS

## AMT MFG. Item (TEE)

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New Available,

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Contact AMT for order,

<sup>-</sup> Not Specified in Standard Spec.

## AMT MFG. Item (REDUCER)

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1-1/4	X 1			0	Δ	0	0			Х	3	D	(3)	4	0	0	A	-	-	-
	X 3/	4		0	18	0	0	×		X	2-1/2	×	×	×	×	181	×			-
	X 1/	2	×	- 30	X	×	×	×	8	Х	6	10	10	10	0	0	O	-	-	-
1-1/2	X 1-1	/4	0	0	10	0	0	0		Х	_ 5	0	Q.	0	0	0	0	_	-	-
	X 1	-	0		A	0	0	Δ		Х	4	0	0	4	0	10	0	-	-	-
	X 3/	4		0	×	0		[		Х	3-1/2	×	×	×	×	×	×	-	-	-
	X 1/	2	Δ	4	15	Δ	Δ	×		Х	3	×	×	х	×	26	×	_	-	
2	X 1-1	/2	0	100	0	0	5.7	6	10	Χ	8	57	10	×	0	0	A	-	0	0
	X 1-1	/4	0		0	0	0	(2)		Х	6	1	0	×	0	0	A	-	O	0
	X 1		13		A	0	19	A		Х	5		0	×	0	0	×	-		-
	X 3/	4	10	1 4	×	<b>Q</b> /	199	X		X	4	×	- 14	- 10	×	×	х	-	-	100
	X 1/	2	-	-				- 1		X.	2	-		-		1.20			-	_
2-1/2	X 2	- 1	14		1.5	0	1.7	1 52 1	12	Х	10	-57	0	×	0	0	4			10
	X 1-1	/2				0	100	101		Х	8	- 00	0	×	0	0	4		0	0
	X 1-1	/4	0	0	A	0	0	A		Х	6	de la	0	×	-	0	×	-	-	-
	X 1	1	10	100	×	<b>©</b>	9	×		Х	5	×	- 90	18	×	×	Х	-	-	
	X 3/-	4	-							X	4	-	-	-	-		-		_	
3	X 2-1	/2		10			0	100	14	X	12	0	0	- 1	0	0	A	0	0	0
	X 2		-3			0				Х	10	0	0	-	0	0	Δ	0	0	0
	X 1-1	/2	PA	L to be	A	0		TAX.		Х	8	0	0	- 1	0	0	×	0	0	10
	X 1-1	/4			X.	100	. 10	X		Х	6	x	8.	-	×	26	×	-	-	-
	X 1			-			-			Х	5	-	-		-	-	-	-		-
3-1/2	X _3		×	16	X		10	X	16	Х	14	0	0	-	0	4	4	0	0	0
	X 2-1	/2	×	- 8	×		36	×		Х	12	0	0	-	0	A	×		0	O
	X 2		×	- 8	8		- 20	8		Х	10	0	0	-	101	×	х	-	0	0
	X 1-1	2	ж	X	×		20	×		Х	8	×	×	1-1	Ж.	×	×	-	-	-
4	X 3-1	/2	х	- 8	X.		×	X.		Х	6	-	-	1-	-	-	-	-	-	-
	X 3	П	0	0	0	0	0	0	18	х	16	×	×		×	-	×	×	×	×
	X 2-1	/2		0	0		0	0		Х	14	×	×	-	×	×	х	14	30	×
	X 2		0	0	7	0	131	Δ		х	12	х	×	1-	×	×	×	-	×	×
	X 1-1	/2	Δ	10	×	Δ	4	×		Х	10	×	×	-	×	×	×	т.	×	×
	X 1-1	4	Δ	Δ		Δ	CAL		20	Х	18	×	×		×	30	×	×	×	×
5	X 4		0	0	0	0	107		1	х	16	1	36	-	3.	×	×	-80	×	30
	X 3		0	0	0	0		0		Х	14	8	35.		×	×	×	-8	×	35
	X 2-1	_	×	×	×	М	N.	80	1	x	12	×	×	-	×	le.	×		×	×
	X 2		×	×	×	×	×	×	24		20	×	×	-	x	×	×	×	×	×
6	X 5		0	0	0	0	0	100		x	18	20	×	-	×	×	×	×	×	30
	X 4		0	ō	Ö	Ö	Ö	Reg.		x	16	×	38	_	×	×	×	×	×	×
	X 3	_		O	Δ	ŏ	Õ	PATE	1	x	14	18.	16.	-7	-	-	-	-		
	X 2-1		×	×	×	×	×	×	•	<del>-~</del>								-		



X Not Available

:New Available,

Contact AMT for order,

: Not Specified in Standard Spec.

0 A 0 9 5 7 5 . 5 2



## AMT MFG. Item (CAP)

-	STD	XS	XXS	540	\$80	S160	S10	S20	S30
1/2	Δ	Δ	×	Δ	Δ	×	1	- 1-3	-
3/4	Δ	Δ	×	Δ	Δ	×	-		-
1	Δ	Δ	×	Δ	Δ	×	-	-	
1-1/4	D	Δ	×	Δ	Δ	×	1	-	-
1-1/2	Δ	Δ	×	Δ	Δ	×	_	-1	-
2	0	0	×	0	0	Δ	-	100	-
2-1/2	0	0	×	0	0	×	-	-	-
3	0	0	ж	0	0	Δ		-	-
3-1/2	х	×	×	×	×	×			7-
4	0	0	×	0	0	Δ	-	-	-
5	0	0	×	0	0	×	-	-	-
6	0	0	×	0	0	×	1-1		-
8	0	0	×	0	0	×		0	0
10	0	0	×	0	0	×	-	0	0
12	0	0	×	0	0	×	-	0	0
14	0	0		Δ	×	×	Δ	Δ	Δ
16	0	0	-	Δ	×	×	Δ	4	Δ
18	×	×	1	×	×	×	×	×	×
20	ж	×	-	×	×	×	×	×	×
24	х	ж	-	×	×	×	×	×	×

:Availabie

× Not Avaiiabie

New Avaliable

Contact AMT for order

Not Specified in spec

RO .

0 A 0 9 5 7 5 . 5 2



# Manufacturing Item Carbon Steel Butt-Welding Fittings

( ASTM A234 WPB / ASTM A420 WPL6 ) ( ASME B16.9 )

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## AWAJI MATERIA (THAILAND) CO.,LTD.

81 Moo 4,Soi Prakasa Road, Tambol Bangmuang, Amphur Muang, Samutprakarn 10270, Thailand. Tel. (66)2701-5226, Fax. (66)2387-0340

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