



the pressure equipment safety authority

**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.

ABSA
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.



I, Mr. Paiboon Wongwantanee,

Director

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of AWAJI MATERIA(THAILAND) CO.,LTD.

(name of manufacturer)

located at 81 Moo 4, Prakasa Rd. Tambol Bangmaung, Amphur Muang Samutprakarn 10270 Thailand

(plant address)

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

- ☒ comply with the requirements of ASTM A234/SA234 WPB
(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 _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BUREAU VERITAS Certification as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are ELBOW, TEE, REDUCER & CAP

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

AWAJI MATERIA(THAILAND) CO.,LTD. Manufacturing Items

Proof test data

DECLARED before me at Canadian Embassy in the City of Bangkok of Thailand

this 16th day of May 2014
(Month) (Year)

(print) Sébastien Roy
(sign) Sébastien Roy Counsellor (Administration) and Consul
(A Commissioner for Oaths) her (Administration) et Consul

(Signature of Applicant)

For Office Use Only

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

Registration Number: 0 A 0 9 5 7 5 . 5 2

Date Registered: OCT 13 2014

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: July 08, 2024



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

130023242



Cecilia Gerbasz, a Commissioner, etc.,
City of Toronto, for the Technical
Standards & Safety Authority.
Expires June 17, 2017.

AMT MFG. Item (ELBOW)

[illegible]

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

 : Available, : Not Available, : New Available, : Contact AMT for order,

☐ : Not Specified in Standard Spec.

[illegible]

See Acceptance Letter for the comments and/or conditions of registration.

ec. **SAFETY CODES ACT - PROVINCE OF ALBERTA**
REGISTRATION OF FITTINGS
REGISTRATION NO. **0 A 0 9 5 7 5 . 5 2**
DWG. NO. or CAT. NO. **Awaji Manufacturing**
Item Brochure A Noted
TYPE OF FITTINGS **Elbows, Tees, Reducers** + Caps
OCT 13 2014 INITIALS **AD**
Date
B.C. DEVAL, P.ENG.
DESIGN SURVEY ENGINEER

REGISTRUL DE INREGISTRARE
A DOCUMENTELOR

DATA DE INREGISTRARE

NUMERUL DE INREGISTRARE






REGISTRUL DE INREGISTRARE 07.03.2025 25

REGISTRUL DE INREGISTRARE

NUMERUL DE INREGISTRARE

AMT MFG. Item (TEE)

		STD (9-0)	XS (9-0)	XXS	S160
1/2 X 1/2					
3/4 X 3/4					
X 1-1/2					
1 X 1					
X 3/4					
X 1-1/2					
1-1/4 X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					
X 3/4					
X 1/2					
1-1/2 X 1-1/2					
X 1-1/4					
X 1					

 Available,
  Not Available,
  New Available,
  Contact AMT for order,
  Not Specified in Standard Spec.

0A09575.52

AMT MFG. Item (REDUCER)

CONCENTRIC REDUCER

	STD	XS	XXS	S40	S80	S160		STD	XS	XXS	S40	S80	S160	S10	S20	S30
3/4 X 1/2	●	●	●	●	●	●	6 X 5	●	●	●	●	●	●	-	-	-
1 X 3/4	●	●	●	●	●	●	X 4	●	●	●	●	●	●	-	-	-
X 1/2	●	●	●	●	●	●	X 3-1/2	●	●	●	●	●	●	-	-	-
1-1/4 X 1	●	●	●	●	●	●	X 3	●	●	●	●	●	●	-	-	-
X 3/4	●	●	●	●	●	●	X 2-1/2	●	●	●	●	●	●	-	-	-
X 1/2	●	●	●	●	●	●	X 2	●	●	●	●	●	●	-	-	-
1-1/2 X 1-1/4	●	●	●	●	●	●	8 X 6	●	●	●	●	●	●	-	●	●
X 1	●	●	●	●	●	●	X 5	●	●	●	●	●	●	-	-	-
X 3/4	●	●	●	●	●	●	X 4	●	●	●	●	●	●	-	-	-
X 1/2	●	●	●	●	●	●	X 3-1/2	●	●	●	●	●	●	-	-	-
2 X 1-1/2	●	●	●	●	●	●	X 3	●	●	●	●	●	●	-	-	-
X 1-1/4	●	●	●	●	●	●	10 X 8	●	●	●	●	●	●	-	●	●
X 1	●	●	●	●	●	●	X 6	●	●	●	●	●	●	-	-	-
X 3/4	●	●	●	●	●	●	X 5	●	●	●	●	●	●	-	-	-
X 1/2	●	●	●	●	●	●	X 4	●	●	●	●	●	●	-	-	-
2-1/2 X 2	●	●	●	●	●	●	X 3	●	●	●	●	●	●	-	-	-
X 1-1/2	●	●	●	●	●	●	12 X 10	●	●	●	●	●	●	-	●	●
X 1-1/4	●	●	●	●	●	●	X 8	●	●	●	●	●	●	-	-	-
X 1	●	●	●	●	●	●	X 6	●	●	●	●	●	●	-	-	-
X 3/4	●	●	●	●	●	●	X 5	●	●	●	●	●	●	-	-	-
3 X 2-1/2	●	●	●	●	●	●	X 4	●	●	●	●	●	●	-	-	-
X 2	●	●	●	●	●	●	14 X 12	●	●	●	●	●	●	-	●	●
X 1-1/2	●	●	●	●	●	●	X 10	●	●	●	●	●	●	-	●	●
X 1-1/4	●	●	●	●	●	●	X 8	●	●	●	●	●	●	-	●	●
X 1	●	●	●	●	●	●	X 6	●	●	●	●	●	●	-	-	-
3-1/2 X 3	●	●	●	●	●	●	X 5	●	●	●	●	●	●	-	-	-
X 2-1/2	●	●	●	●	●	●	16 X 14	●	●	●	●	●	●	-	●	●
X 2	●	●	●	●	●	●	X 12	●	●	●	●	●	●	-	-	-
X 1-1/2	●	●	●	●	●	●	X 10	●	●	●	●	●	●	-	●	●
X 1-1/4	●	●	●	●	●	●	X 8	●	●	●	●	●	●	-	-	-
4 X 3-1/2	●	●	●	●	●	●	X 6	●	●	●	●	●	●	-	-	-
X 3	●	●	●	●	●	●	18 X 16	●	●	●	●	●	●	-	●	●
X 2-1/2	●	●	●	●	●	●	X 14	●	●	●	●	●	●	-	●	●
X 2	●	●	●	●	●	●	X 12	●	●	●	●	●	●	-	●	●
X 1-1/2	●	●	●	●	●	●	X 10	●	●	●	●	●	●	-	●	●
X 1-1/4	●	●	●	●	●	●	20 X 18	●	●	●	●	●	●	-	●	●
5 X 4	●	●	●	●	●	●	X 16	●	●	●	●	●	●	-	●	●
X 3-1/2	●	●	●	●	●	●	X 14	●	●	●	●	●	●	-	●	●
X 3	●	●	●	●	●	●	X 12	●	●	●	●	●	●	-	●	●
X 2-1/2	●	●	●	●	●	●	24 X 20	●	●	●	●	●	●	-	●	●
X 2	●	●	●	●	●	●	X 18	●	●	●	●	●	●	-	●	●
X 1-1/2	●	●	●	●	●	●	X 16	●	●	●	●	●	●	-	●	●
							X 14	●	●	●	●	●	●	-	●	●

ECCENTRIC REDUCER																
	STD	XS	XXS	S40	S80	S160		STD	XS	XXS	S40	S80	S160	S10	S20	S30
3/4 X 1/2	⊙	⊙	⊙	⊙	⊙	⊙	6 X 5	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
1 X 3/4	⊙	⊙	⊙	⊙	⊙	⊙	X 4	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 3-1/2	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
1-1/4 X 1	⊙	⊙	⊙	⊙	⊙	⊙	X 3	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 3/4	⊙	⊙	⊙	⊙	⊙	⊙	X 2-1/2	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1/2	⊙	⊙	⊙	⊙	⊙	⊙	8 X 6	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
1-1/2 X 1-1/4	⊙	⊙	⊙	⊙	⊙	⊙	X 5	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1	⊙	⊙	⊙	⊙	⊙	⊙	X 4	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 3/4	⊙	⊙	⊙	⊙	⊙	⊙	X 3-1/2	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 3	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
2 X 1-1/2	⊙	⊙	⊙	⊙	⊙	⊙	10 X 8	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/4	⊙	⊙	⊙	⊙	⊙	⊙	X 6	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1	⊙	⊙	⊙	⊙	⊙	⊙	X 5	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 3/4	⊙	⊙	⊙	⊙	⊙	⊙	X 4	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1/2	⊙	⊙	⊙	⊙	⊙	⊙	12 X 10	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
2-1/2 X 2	⊙	⊙	⊙	⊙	⊙	⊙	X 8	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 6	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/4	⊙	⊙	⊙	⊙	⊙	⊙	X 5	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1	⊙	⊙	⊙	⊙	⊙	⊙	X 4	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
3 X 2-1/2	⊙	⊙	⊙	⊙	⊙	⊙	14 X 12	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2	⊙	⊙	⊙	⊙	⊙	⊙	X 10	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 8	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/4	⊙	⊙	⊙	⊙	⊙	⊙	X 6	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1	⊙	⊙	⊙	⊙	⊙	⊙	X 5	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
3-1/2 X 3	⊙	⊙	⊙	⊙	⊙	⊙	16 X 14	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 12	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2	⊙	⊙	⊙	⊙	⊙	⊙	X 10	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 8	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
4 X 3-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 6	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 3	⊙	⊙	⊙	⊙	⊙	⊙	18 X 16	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 14	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2	⊙	⊙	⊙	⊙	⊙	⊙	X 12	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 10	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 1-1/4	⊙	⊙	⊙	⊙	⊙	⊙	20 X 18	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
5 X 4	⊙	⊙	⊙	⊙	⊙	⊙	X 16	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 3	⊙	⊙	⊙	⊙	⊙	⊙	X 14	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2-1/2	⊙	⊙	⊙	⊙	⊙	⊙	X 12	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2	⊙	⊙	⊙	⊙	⊙	⊙	24 X 20	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
6 X 5	⊙	⊙	⊙	⊙	⊙	⊙	X 18	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 4	⊙	⊙	⊙	⊙	⊙	⊙	X 16	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 3	⊙	⊙	⊙	⊙	⊙	⊙	X 14	⊙	⊙	⊙	⊙	⊙	⊙	-	-	-
X 2-1/2	⊙	⊙	⊙	⊙	⊙	⊙										

 : Available,

X Not Available

New Available,

 = Contact AMT for order,

☐: Not Specified in Standard Spec.

0A09575-52

AMT MFG. Item (CAP)

	STD	XS	XXS	S40	S80	S160	S10	S20	S30
1/2	△	△	×	△	△	×	—	—	—
3/4	△	△	×	△	△	×	—	—	—
1	△	△	×	△	△	×	—	—	—
1-1/4	△	△	×	△	△	×	—	—	—
1-1/2	△	△	×	△	△	×	—	—	—
2	○	○	×	○	○	△	—	—	—
2-1/2	○	○	×	○	○	×	—	—	—
3	○	○	×	○	○	△	—	—	—
3-1/2	×	×	×	×	×	×	—	—	—
4	○	○	×	○	○	△	—	—	—
5	○	○	×	○	○	×	—	—	—
6	○	○	×	○	○	×	—	—	—
8	○	○	×	○	○	×	—	○	○
10	○	○	×	○	○	×	—	○	○
12	○	○	×	○	○	×	—	○	○
14	⊗	⊗	—	△	×	×	△	△	△
16	⊗	⊗	—	△	×	×	△	△	△
18	×	×	—	×	×	×	×	×	×
20	×	×	—	×	×	×	×	×	×
24	×	×	—	×	×	×	×	×	×

○ : Available

×

Not Available

⊗ : New Available

△ : Contact AMT for order

— : Not Specified in spec

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Manufacturing Item
Carbon Steel Butt-Welding Fittings
(ASTM A234 WPB / ASTM A420 WPL6)
(ASME B16.9)

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