

April 28, 2021

Attention: Miller West
MISTER CRN CONSULTING INC
BOX 488
MONTAGUE, PE C0A 1R0

The design submission, tracking number 2021-00324, originally received on January 21, 2021 was surveyed and accepted for registration as follows:

CRN : 0B01967.72 **Accepted on:** April 28, 2021
Reg Type: RENEWAL **Expiry Date:** December 18, 2030
Drawing No. : TABLE 1: SCOPE OF FITTING DESIGNES (CATEGORY B)
Fitting type: FLANGES AND FLANGE ADAPTERS
Design registered in the name of : AALBERTS INTEGRATED PIPING SYSTEMS APAC INC

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

- The scope of this registration are dwg. No.: 1AG Rev.2, AS-7043 Rev.3, AS-SS41 Rev.3, 1S9 Rev.7, and AS-C341 Rev.2. The following dwg. No. 170, 180, and HA104a are excluded from this registration.

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 3382 or fax (780) 437-7787 or e-mail Stojanovic@absa.ca.

Sincerely,



STOJANOVIC, STEVAN, P. Eng.
DOP Cert. No. D00008849

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

I, CHIU, YING - CHUAN, Plant Manager
(name of applicant) (position title) (must be in a position of authority)
of Aalberts integrated piping systems APAC Inc.
(name of manufacturer)
located at No. 295, Sec. 3, Wandan Road, Wandan Township, Pingtung, Taiwan R.O.C.
(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 ASME B31.3 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or
(title of recognized North American Standard)
- 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 identification marking of the fittings.
(title of code of construction or other applicable document)

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.	Category B	ISO 9001:2015	see ISO 9000 certificate	31 October 2023	Lloyd's Register Quality Assurance Limited	No. 295, Sec. 3 Wandan Road, Wandan Township Pingtung 913, Taiwan
2.						

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

Renew 0B1967.72, see document "CRN Registration" dated Oct. 30, 2020, drawings & proof test records.

CHIU, YING CHUAN
(Signature of the Declarer)

November 20, 2020
(Date)

DECLARED before me at Kaohsiung in the Republic of China
(city) (province, territory, or state)

this 20th day of November, 2020
(Month) (Year)

(print) HUANG, CHI-RONG
(a Commissioner of Oaths or Notary Public)

(sign) Huang, Chi-Rong
(a Commissioner of Oaths or Notary Public)

None
(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: Taiwan, R.O.C.

Case No. : 109	Hsiung Yuan Ming Jen Chi Tzu No. 1157
Date : NOV 20 2020	
Attested at the Huang Chi-rong Notary Public Office, Taiwan Kaohsiung District Court, R.O.C., that signature(s)/seal(s) of <u>Chiu, Ying-Chuan</u> in this document as/are authentic.	
Notary Public: <u>Huang, Chi-rong</u>	
<u>Huang, Chi-Rong</u>	
APD: No 193 Dafeng 2nd Rd, Kaohsiung City 80774, Taiwan (R.O.C.) (province, territory, or state)	

For ABSA Office Use Only:

NOTES: _____

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

2021-00324
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0B01967.72
See acceptance letter for conditions of registration.
Date: 2021-04-28 By: <u>Stevan Stojanovic</u>
STEVAN STOJANOVIC, 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.

CRN Registration

Oct. 30, 2020

Shurjoint Grooved Components are to be registered (Category B - Flanges)

Model Number	Size Range (inch)	Rated Pressure (psi)	Service Temperature	Drawings
7170 Flange Adapter	2 ~ 8	300	-20°F ~ +180°F (-29°C ~ +82°C)	170
7180 Universal Flange Adapter	2 ~ 8	300	-20°F ~ +180°F (-29°C ~ +82°C)	180
7181 Universal Reducing Flange Adapter	3 x 2, 4 x 2½, 4 x 3, 6 x 4	125	-20°F ~ +180°F (-29°C ~ +82°C)	1AG
7041 Flange Adapter	2 ~ 6	300	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	HA104a
	10 ~ 12	175		
7043 Flange Adapter - ANSI Class 300	2, 2½, 3, 4, 5, 6, 8, 10, 12	200	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	AS-7043 H143 G14a 7041HB
SS-41 Flange Adapter	2, 2½, 3, 4, 6, 8	175	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	AS-SS41 H1SG G14a 7041HB
SS-80 Stainless Steel Universal Flange Adapter	2, 2½, 3, 4, 5, 6, 8	250	-20°F ~ +180°F (-29°C ~ +82°C)	1S9
C341 Flange for Copper Tubing	2, 2½, 3, 4, 5, 6	200	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	AS-C341 1C5 GC5 7041HB

Table 1: Scope of Fitting Designs (Category B)

Fitting Description	Drawing #	Material Specification	Size Range (inch)	Rated Pressure (psi)	Temp. range min. / max.	Code of Construction
1. 7170 Flange Adapter	170	ASTM A536 65-45-12	2 ~ 8	300	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3
2. 7180 Universal Flange Adapter	180	ASTM A536 65-45-12	2 ~ 8	300	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3
3. 7181 Universal Reducing Flange Adapter	1AG	ASTM A536 65-45-12	3 x 2, 4 x 2½, 4 x 3, 6 x 4	125	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3
4. 7041 Flange Adapter	HA104a	ASTM A536 65-45-12	2 ~ 6	300	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3
			10 ~ 12	175		
5. 7043 Flange Adapter - ANSI Class 300	AS-7043 H143 G14a 7041HB	ASTM A536 65-45-12	2, 2½, 3, 4, 5, 6, 8, 10, 12	200	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3
6. SS-41 Flange Adapter	AS-SS41 H1SG G14a 7041HB	A743 CF8/8M/3M	2, 2½, 3, 4, 6, 8	175	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3
7. SS-80 Stainless Steel Universal Flange Adapter	1S9	A743 CF8/8M/3M	2, 2½, 3, 4, 5, 6, 8	250	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3
8. C341 Flange for Copper Tubing	AS-C341 1C5 GC5 7041HB	ASTM A536 65-45-12	2, 2½, 3, 4, 5, 6	200	EPDM: -20°F ~ +180°F (-29°C ~ +82°C)	B31.3

2021-00324
ABSA
 SAFETY CODES ACT - PROVINCE OF ALBERTA
 ACCEPTED: 0801567.72
 See acceptance letter for conditions of registration.
 Date: 2021-04-28 By: STEVEN STOLJANOVIC, P. Eng.
 This stamp and signature have been affixed electronically to this registered design as required by Section 20(3) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.