



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

November 27, 2019

Attention: Joanna Karpinski
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2019-07764, originally received on November 15, 2019 was surveyed and accepted for registration as follows:

CRN : 0A13361.52 **Accepted on:** November 27, 2019
Reg Type: ADDITION TO ACC. FITTING **Expiry Date:** November 11, 2029
Drawing No. : SCOPE OF PRODUCT REGISTRATION & CATALOGUE
Fitting type: PIPING FITTINGS
Design registered in the name of : SUNGKWANG BEND CO LTD

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

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is SECTION VIII, DIV. 1.

- *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.

Enclosed are stamped prints for your reference.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3343 or fax (780) 437-7787 or e-mail Tang@absa.ca.

Sincerely,

TANG, TAO, P. Eng.
DOP Cert. No. D00008848

법무법인(유한) 국 제

Registered No. 2019 - 1942

NOTARIAL CERTIFICATE

0A13361-52

Busan International Law & Notary Offices.

(Geoje-dong, Busan Judicial Offices Town Bldg)

#205, 28, Beobwon-ro, Yeonje-gu,

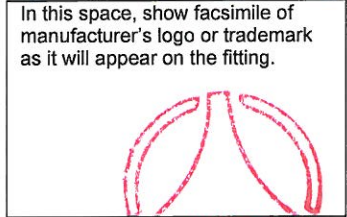
Busan, Korea



STATUTORY DECLARATION Registration of Fittings



I, Seong Yong, Kim, Head of QC Dept. of Sungkwang Bend Co., Ltd. located at 26, Noksansandan 262-ro, Gangseo-gu, Busan, Korea



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one) [X] comply with the requirements of ASTM, ASME SECTION II, ASME B16.9/B16.11/B16.25/B31.3/B36.10/B36.19, MSS SP-75,-79,-83,-95,-97 which specifies the dimensions, 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, Hartford Steam Boiler RS 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

Pipe Fittings(including Elbows, Tees, Reducers, Caps, Nipples, Unions, etc.)

In support of this application, the following information, calculations and/or test data are attached: Catalog(22th Ed.), ISO 9001(Q 127), Scope of Product Registration, Report of Design Proof Test, Calculation, Drawing

DECLARED before me at Busan in the of Korea

this 19th day of August, 2019.

(print) Park Yong Soo (a Commissioner of Oaths or Notary Public)

(sign) Park Yong Soo (a Commissioner of Oaths or Notary Public)

(signature of applicant)

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, Clause 4.2, and is accepted for registration in Category A

Registration Number: 0A13361-52 (Signature of the Administrator/S/O)

Date Registered: NOV 27 2019 Expiry Date: Nov 11, 2029

법무법인(유한) 국제

등부 2019 년 제 1942 호

Registered No. 2019 - 1942

인 증

Notarial Certificate

위, 법적 선언서 - 피팅등록



에 기재된

KIM SEONG YONG

김 성 용 은
본 공증인의 면전에서 위 사서증서에
자기가 서명한 것임을 자인하였다.

personally appeared before me and
admitted his(her) subscription to the
attached STATUTORY DECLARATION
- Registration of Fittings.

2019 년 8 월 19 일 이 사무소에서
위 인증한다.

This is hereby attested on this 19 th
day of August , 2019 at this office.

법무법인(유한) 국제

소속 부산지방검찰청
부산 연제구 법원로 28, 205호
(거제동, 부산법조타운빌딩)

Busan International Law & Notary Offices
Belong to Busan District Public Prosecutors' Office
(Geoje-dong, Busan Judicial Offices Town Bldg)
#205, 28, Beobwon-ro, Yeonje-gu, Busan, Korea

공증담당
변 호 사

Park Yongsoo

Park Yongsoo

(Signature of the Notary Public)

Park Yong Soo

This office has been authorized by the
Minister of Justice, the Republic of
Korea, to act as Notary Public since
Dec. 31, 1982 under Law No. 3594

Scope of Product Registration

Company Name : Sungkwang Bend Co., Ltd.

Doc.No.: SKB-CRN-2019 Rev.0

Category of Fitting	Name of Fittings	Designation of Applicable Codes and Standards	Material Specifications	Dimensions	Pressure-Temperature Ratings	Maximum Allowable Working Pressure and Temperature	Remarks
A: Pipe Fittings	Elbows	ASME B16.9	ASTM/ASME A/SA 234, A/SA 420, A/SA 403, B/SB 366	1/2" to 48"	N/A	N/A	- Catalogue(22th Ed.) Page: 20-25, 78, 84
<p>ABS</p> <p>SAFETY CODES ACT - PROVINCE OF ALBERTA</p> <p>REGISTRATION OF FITTINGS</p> <p>REGISTRATION NO. DA 13361-52</p> <p>DWG. NO. & CAT. NO. <i>Scope of Product Registration & Catalogue.</i></p> <p>TYPE OF FITTINGS <i>Piping Fittings</i></p> <p>NOV 27 2019</p> <p>Date</p> <p>INITIALS <i>Tao Tang</i></p> <p>TAO TANG, P.Eng. DESIGN SURVEY ENGINEER</p>		ASME B16.9 / Drawing No. : SKB-R19072301 Rev.0	ASTM/ASME A/SA 234, A/SA 420, A/SA 403	50" to 96"	N/A	N/A	- Report of Design Proof Test: SKDPT-20141023-01
		ASME B31.3 / Drawing No. : SKB-S19022501 Rev.0	ASTM/ASME A/SA 403	96", 102", 110"	N/A	N/A	- Calculation: SKB-C190220-06 Rev.0
		ASME B31.3 / Drawing No. : SKB-S19022502 Rev.0	ASTM/ASME A/SA 403	96", 102", 110"	N/A	N/A	- Calculation: SKB-C190220-05 Rev.0
	Tees	ASME B16.9	ASTM/ASME A/SA 234, A/SA 420, A/SA 403, B/SB 366	1/2" to 48"	N/A	N/A	- Catalogue(22th Ed.) Page: 26-41, 79-81
		ASME B16.9 / Drawing No.: SKB-R19072302 Rev.0	ASTM/ASME A/SA 234, A/SA 420, A/SA 403	50" to 84"	N/A	N/A	- Report of Design Proof Test: SKDPT-20141031-02
		ASME B31.3 / Drawing No. : SKB-S19022503 Rev.0 SKB-S19022504 Rev.0	ASTM/ASME A/SA 403	88", 88"x72", 96", 102", 110"	N/A	N/A	- Calculation: SKB-C190220-07 Rev.0

Category of Fitting	Name of Fittings	Designation of Applicable Codes and Standards	Material Specifications	Dimensions	Pressure-Temperature Ratings	Maximum Allowable Working Pressure and Temperature	Remarks
A: Pipe Fittings	Reducers	ASME B16.9	ASTM/ASME A/SA 234, A/SA 420, A/SA 403, B/SB 366	1/2" to 48"	N/A	N/A	- Catalogue(22th Ed.) Page: 42-53, 82-83
		ASME B16.9 / Drawing No.: SKB-R19072303 Rev.0	ASTM/ASME A/SA 234, A/SA 420, A/SA 403	50" to 96"	N/A	N/A	- Report of Design Proof Test: SKDPT-20141107-03, SKDPT-20141110-03
		ASME B31.3 / Drawing No. : SKB-S19022505 Rev.0	ASTM/ASME A/SA 403	102"x80", 102"x88", 102"x96", 110"x88", 110"x96", 110"x102"	N/A	N/A	- Calculation: SKB-C190220-03 Rev.0
	Caps	ASME B16.9	ASTM/ASME A/SA 234, A/SA 420, A/SA 403, B/SB 366	1/2" to 48"	N/A	N/A	- Catalogue(22th Ed.) Page: 54-55, 84
		ASME B16.9 / Drawing No.: SKB-R19072304 Rev.0	ASTM/ASME A/SA 234, A/SA 420, A/SA 403	50" to 96"	N/A	N/A	- Report of Design Proof Test: SKDPT-20141107-06
		ASME B31.3 / Drawing No. : SKB-S19022506 Rev.0	ASTM/ASME A/SA 403	102", 110"	N/A	N/A	- Calculation: SKB-C190220-04 Rev.0
	Lateral Pipe Fittings	ASME B31.3 / Drawing No. : SKB-R19072305 Rev.0	ASTM/ASME A/SA 105, A/SA 182, A/SA 350, A/SA 234	1" to 4"	S80, S160	N/A	- Report of Design Proof Test: SKDPT-S02-08

DA 13361-52

Category of Fitting	Name of Fittings	Designation of Applicable Codes and Standards	Material Specifications	Dimensions	Pressure-Temperature Ratings	Maximum Allowable Working Pressure and Temperature	Remarks
A: Pipe Fittings	Forged Fittings, Socket-Welding and Threaded, Lateral Forged Fittings	ASME B16.11 / Drawing No. : SKB-J19080601 Rev.0	ASTM/ASME A/SA 105, A/SA 182, A/SA 350	1/8" to 4"	Pressure Ratings : Class 2000, 3000, 6000 for threaded end fittings, Class 3000, 6000, 9000 for socket-weld end fittings	N/A	- Catalogue(22th Ed.) Page: 98-103, 108-111, 114-115 - Report of Design Proof Test: SKDPT-S02-09
	Nipples	ASME B36.10, B36.19 / Drawing No. : SKB-R19072306 Rev.0	ASTM/ASME A/SA 53, A/SA 106, A/SA 312, A/SA 335	1/4" to 6"	S80, S160, XXS	N/A	
	Swaged Nipples	MSS SP-95	ASTM/ASME A/SA 105, A/SA 182, A/SA 350	1/2" to 6"	S80, S160, XXS	N/A	- Catalogue(22th Ed.) Page: 117 - Report of Design Proof Test: SKDPT-S02-10 ~ -15
	Socket-Welding Reducer Inserts	MSS SP-79	ASTM/ASME A/SA 105, A/SA 182, A/SA 350	3/8"x1/4" to 4x1 1/4"	Pressure Ratings : Class 3000, 6000	N/A	- Catalogue(22th Ed.) Page: 104-105
	Integrally Reinforced Forged Branch Outlet Fittings, Latrolet Fittings	MSS SP-97 / Drawing No. : SKB-J19080602 Rev.0	ASTM/ASME A/SA 105, A/SA 182, A/SA 350	Weldolet:1" to12" Soclolet:1/2" to 4" Latrolet: 1/2" to 2"	Class of Fittings : Weldolet :STD, X-S, S80, S160, XX-S Soclolet : 3000, 6000, 9000 Latrolet : 3000	N/A	- Catalogue(22th Ed.) Page: 118-120 - Report of Design Proof Test: SKDPT-S02-01 ~ -07
	Union	MSS SP-83	ASTM/ASME A/SA 105, A/SA 182	1/8" to 3"	Pressure Ratings : Class 3000	N/A	- Catalogue(22th Ed.) Page: 106-107, 112-113

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