

February 28, 2020

Attention: Tim Cozens
A R THOMSON GROUP
215 CLEARSKYE WAY
RED DEER, AB T4E 0A1

The design submission, tracking number 2020-00364, originally received on January 22, 2020 was surveyed and accepted for registration as follows:

CRN : 0A20497.2

Accepted on: February 28, 2020

Reg Type: NEW DESIGN

Expiry Date: February 28, 2030

Drawing No. : 8T1532 PAGE 1-5 Rev 00

Fitting type: HEX BUSHING, MALE & FEMALE CONNECTORS

Design registered in the name of : BMT CO LTD

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

- The Scope of this Registration include: JSPWC Swivel Male Pipe Weld Connector, SSMC SAE/MS Male Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector and SFCB10K Female Connector
- See Design Scope For Registration of Fittings for details
- This design is accepted for registration based on the understanding that:
 - the specific minimum tensile strength of ASTM A479 316/316L at room temperature is at least 95ksi
 - the ASTM A276 316/316L is cold finished-condition B
 - the materials (ASTM A276/A479 316/316L) shall be furnished without solution heat treatment or with other than a solution heat treatment. When the materials have not been solution heat treated, the minimum temperature shall be -29 deg C, unless the material is impact tested per para.323.3 of ASME B31.3-2016
 - the MAWP of SSMC-4-6U-SS and SSMC-6-4U-SS are both 8272psi

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.

- 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 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



February 28, 2020

DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936



the pressure equipment safety authority

**DESIGN SCOPE FOR
REGISTRATION OF FITTINGS**
(Supplementary to Form AB-41)
AB-257 2016-01

This form may be used to document the Design Scope for fittings that require registration in accordance with the PESR s14 and s17. In each column, provide the information required or list the document number where the information can be found. If the column is not applicable to the fitting design, then indicate N/A.

Note: This form shall be completed and submitted with Form AB-41 Statutory Declaration Registration of Fittings.

Product Description	Primary Pressure Bearing/ Retaining Component	Material of Construction	End Connections and Size Range	Design Condition		MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
				Pressure at Ambient Temp.	Pressure at Design Temp.				
Example: SERIES XZ	Body A	Material for Body A ASTM A-XXX	Female NPT XX-YY (in.) Female ISO (Size Range)	### psi @ ## °F	### psi @ ## °F	- ## °F	Class XXX# or SCH XX	Std. B16.X	Series XZ Catalog Pages # & #

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FOR ABSA USE ONLY:

Reference Tracking No. 2020-00364



the pressure equipment safety authority

DESIGN SCOPE FOR REGISTRATION OF FITTINGS

(Supplementary to Form AB-41)

AB-257 2016-01

*

JSPWC Swivel Male Pipe Weld Connector	Body	ASTM A276/479 Grade 316/316L	UNF x Pipe Weld (1/4" to 2")	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SSMC SAE/MS Male Connector	Body	ASTM A276/479 Grade 316/316L	Tube End x Straight Thread (1/4" to 1")	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
IRHB10K Reducing Hex Bushing	Body	ASTM A276 Grade 316/316L	3/8" UNF x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFC10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFCB10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200

* Refer to note 3 on drawing for MPM7. AD

0A 20497.2

FEB 28 2020

FOR ABSA USE ONLY:

Reference Tracking No. 2020-00364

법무법인 삼성

Registered No. 2020 - 68

NOTARIAL CERTIFICATE

0A 20497 . 2

FEB 28 2020

SAMSUNG LAW & NOTARY OFFICE INC.

Belong to Ulsan District Prosecutor's Office

168, Jungang-Ro, Yangsan-City, Gyeongsangnam-Do, Korea

TEL : +82 55 372-5599



**STATUTORY DECLARATION
Registration of Fittings**

I, Jong Chan, Yoon, President
(name of applicant) (position title) (must be in a position of authority)
of BMT Co., Ltd.
(name of manufacturer)
located at 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
(plant address)

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



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

- ☐ comply with the requirements of ASME B31.3 which specifies the dimensions, (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 ASME B31.3 as supported by the attached (title of code of construction or other applicable document)
- 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, ISO 9001-HSB 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 SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector (brief description of fittings)

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

Drawing # 8T153200, Burst Test Record, Material Test Reports

DECLARED before me at Yangsan in the Gyeongsangnam-do of Korea
(City) (province or state)
this 14th day of JAN., 2020
(Month) (Year)

(print) JANG WOON YEOUNG
(a Commissioner of Oaths or Notary Public)
(sign) Jang woon yeoung
(a Commissioner of Oaths or Notary Public)

JC YOON
(signature of applicant)

For ABSA Office Use Only:

NOTES: *See Design Scope For Registration of Fittings. OP.

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: 0A 20497.2

Tiketa Park E. M. (ASHLING) DICK
(Signature of the Administrator/SCO)

Date Registered: FEB 28 2020

Expiry Date: Feb 28 2030

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.

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

법무법인 삼성

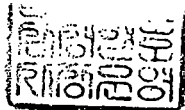
등부 2020 년 제 68 호

Registered No. 2020 - 68

인 증

Notarial Certificate

위 등록신청서 에 기재된 촉탁인
주식회사 비엠티 대표이사 윤종찬
의 대리인 김민지는 본 공증인의 면전
에서 위 사서증서에 위 본인이 기명날
인한 것임을 확인하였다.



2020 년 1 월 14 일 이 사무소에
서 위 인증한다.

MINJI KIM attorney-in-fact of
JONG CHAN YOON, President of
BMT Co., Ltd. appeared before me
and admitted principal's subscription to
the attached
the **STATUTORY DECLARATION**
Registration of Fittings .

0A20497.2

This is hereby attested on this 14th day
of JAN., 2020. at this office.

FEB 28 2020

법무법인 삼성
소속 울산지방검찰청
경남 양산시 중앙로 168. 2층

SAMSUNG Law & Notary Office INC.
Belong to Ulsan District Prosecutor's Office
168, Jungang-Ro, Yangsan-City,
Gyeongsangnam-do, Korea.

공증담당
변호사

Handwritten signature of Jang Woon Yeong

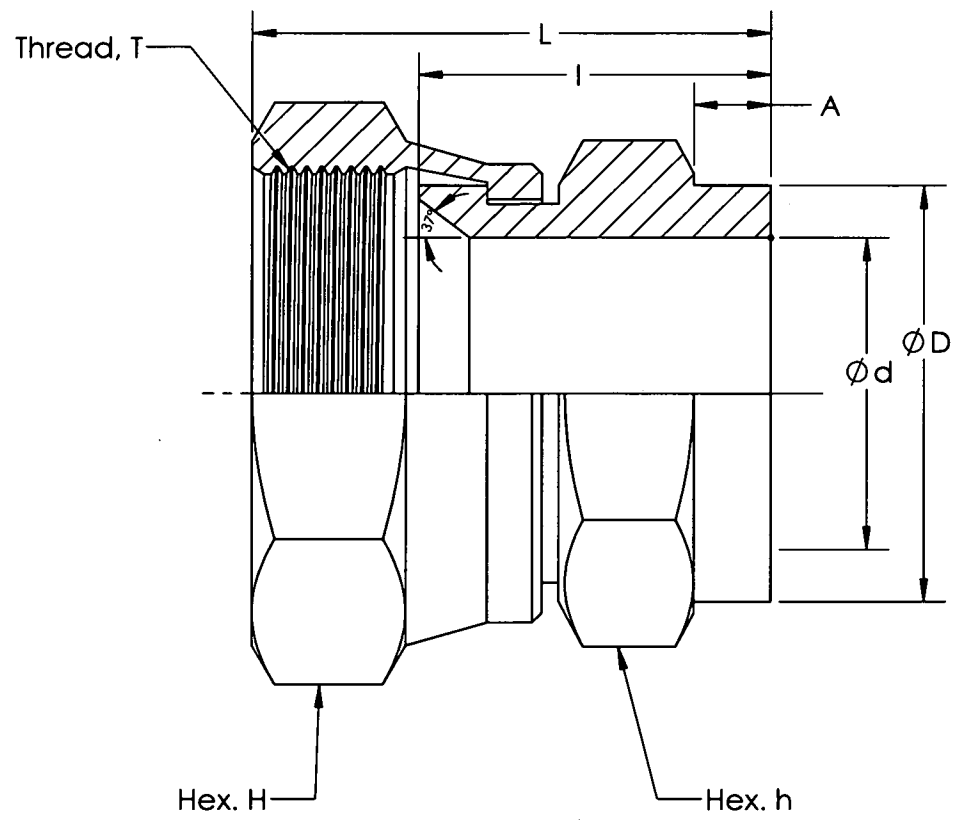


Handwritten signature of Jang Woon Yeong

Signature of the Notary Public

JANG WOON YEOUNG

This office has been authorized by the
Minister of Justice, the Republic of Korea to
act as Notary Public since Feb. 7. 2015.
under Law No. 220.



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

ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
REGISTRATION OF FITTINGS
REGISTRATION NO. 0A 20497.2
DWG. NO. or CAT. NO. 8T1532 Page 1-5 Rev 00
TYPE OF FITTINGS Hex Bushing, Male & Female Connectors
FEB 28 2020
Date INITIALS T. M. (ASHLING) DICK, P.ENG
DESIGN SURVEY ENGINEER

Temp (°F)	ASME B31.3 Correction Factor	
	A276/A479	
-425	1	
-325	1	
-50	1	
-20	1	
100	1	
200	1	
300	1	
400	.965	
500	.895	
600	.850	
650	.830	
700	.815	
750	.805	
800	.795	
850	.780	
900	.775	
950	.770	
1000	.765	
1050	.725 (Note 2)	
1100	.620 (Note 2)	
1150	.490 (Note 2)	
1200	.370 (Note 2)	
1250	.275 (Note 2)	
1300	.205 (Note 2)	
1350	.155 (Note 2)	
1400	.115 (Note 2)	
1450	.085 (Note 2)	
1500	.065 (Note 2)	

- Notes:
- The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
 - For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher.
 - The specification permits this material to be furnished without solution heat treatment or with other than a solution heat treatment. When the material has not been solution heat treated, the minimum temperature shall be -29°C (-20°F) unless the material is impact tested per para. 323.3 of ASME B31.3-2016.
 - All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

F	Part No.	Thread	Pipe	Dimension, mm					With Across Flat, inch		MAWP @ 70°F
				L	I	A	Ød	ØD	H	h	
	JSPWC-4T-4P-11L	7/16 - 20UNF	1/4" (Ø 13.72)	35.6	26.9	11.1	4.4	13.7	9/16	9/16	6497
	JSPWC-8T-8P-11L	3/4 - 16UNF	1/2" (Ø 21.34)	42.5	31.8	11.1	9.9	21.3	7/8	7/8	5663
G	JSPWC-12T-12P-11L	1-1/16 - 12UN	3/4" (Ø 26.67)	46.3	32	11.1	15.5	26.7	1-1/4	1-1/16	4164
	JSPWC-16T-16P-11L	1-5/16 - 12UN	1" (Ø 33.4)	50.1	35	11.1	21.4	33	1-1/2	1-5/16	2868
	JSPWC-20T-20P-11L	1-5/8 - 12UN	1-1/4" (Ø 42.16)	57.1	41.2	11.1	27.4	42.2	2	1-3/4	1820
	JSPWC-24T-24P-11L	1-7/8 - 12UN	1-1/2" (Ø 48.26)	63.5	44.9	11.1	33.3	48.3	2-1/4	2	1796
	JSPWC-32T-32P-11L	2-1/2 - 12UN	2" (Ø 60.32)	74.3	50.5	11.1	45.2	60.3	2-7/8	2-1/2	1977

Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

Material Spec. -

Stamping Info S

Special Req.

3RD ANGLE PROJECTION

ALL SURFACES 125 unless otherwise stated

GENERAL TOLERANCES [in]

ANGULAR DIMENSIONS

MACHINED ±0.30'
LOCATING ±0.30'
FORMED ±2'
CHAMFER ±5'

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Designed By	-	-	-
Drawn By	LM	02/01/20	
Reviewed By	TC	02/01/20	
Path of File		D M Y	
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Scale	-	Drawing Size	A3

No	Zone	Change	Rev	DCN	D M Y	DATE
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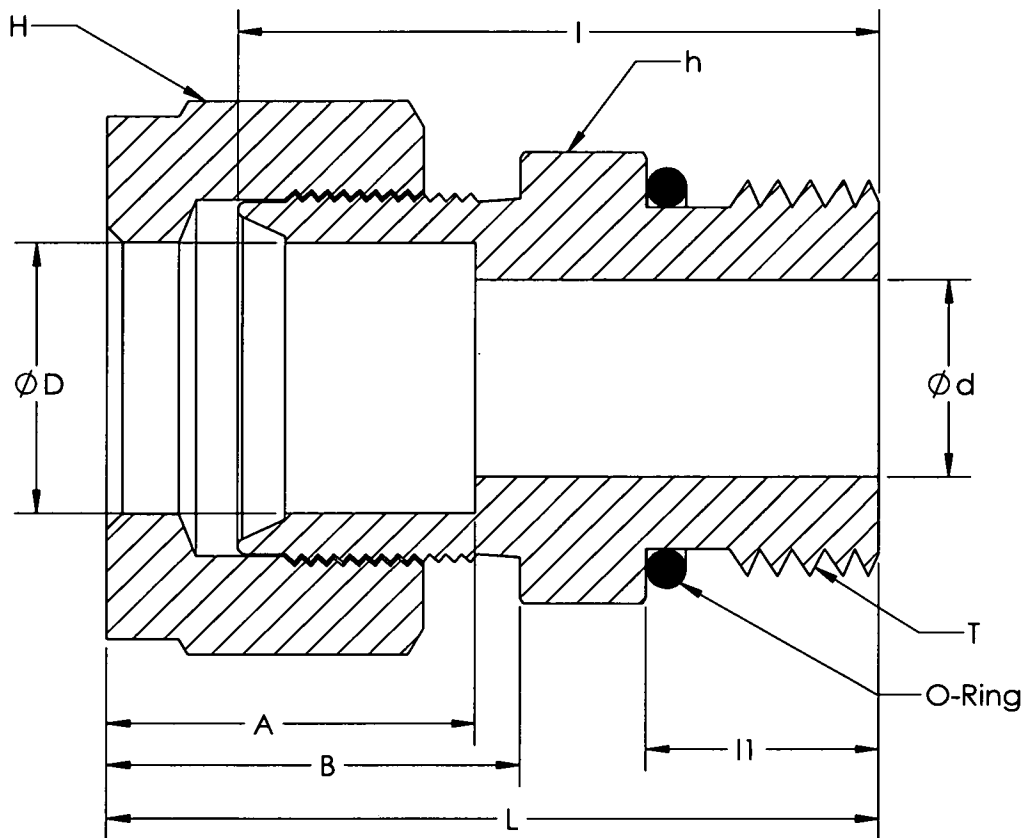
A.R. Thomson Group

Superlok Connector CRN Drawing

JSPWC Swivel Male Pipe Weld Connector

Page 1 of 5

ART	8T	1532	00
Logo	Group	Sequence	Revision



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FEB 28 2020

Temp (°F)	ASME B31.3 Correction Factor	
	A276/A479	
-425	1	
-325	1	
-50	1	
-20	1	
100	1	
200	1	
300	1	
400	.965	
500	.895	
600	.850	
650	.830	
700	.815	
750	.805	
800	.795	
850	.780	
900	.775	
950	.770	
1000	.765	
1050	.725 (Note 2)	
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1300	.205 (Note 2)	
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1500	.065 (Note 2)	

Notes:

1. The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
2. For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher.
3. The specification permits this material to be furnished without solution heat treatment or with other than a solution heat treatment. When the material has not been solution heat treated, the minimum temperature shall be -29°C (-20°F) unless the material is impact tested per para. 323.3 of ASME B31.3-2016.
4. All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

Part No.	Tube O.D. D (inch)	Straight Thread T (U)	d Min	A	B	I	II	L	With Across Flat, inch		O-Ring Uniform Size Number	MAWP @ 70°F
									h	H		
SSMC-4-4U-SS	1/4	7/16-20	4.82	15.24	17.78	26.67	9.14	34.03	9/16	9/16	3-904	8272
SSMC-4-6U-SS	1/4	9/16-18	4.82	15.24	17.78	28.19	9.90	35.56	11/16	9/16	3-9.6	8914
SSMC-6-4U-SS	3/8	7/16-20	5.08	16.76	19.30	28.19	9.14	35.56	5/8	11/16	3-904	8914
SSMC-6-6U-SS	3/8	9/16-18	7.11	16.76	19.30	29.71	9.90	37.08	11/16	11/16	3-906	9556
SSMC-8-8U-SS	1/2	3/4-16	10.41	22.86	21.84	31.75	11.17	41.91	7/8	7/8	3-908	5117
SSMC-12-12U-SS	3/4	1-1/16-12	15.74	24.38	21.84	38.86	14.98	49.02	1-1/4	1-1/8	3-912	3810
SSMC-16-16U-SS	1	1-5/16-12	22.35	31.24	26.41	42.16	14.98	54.35	1-1/2	1-1/2	3-916	3505

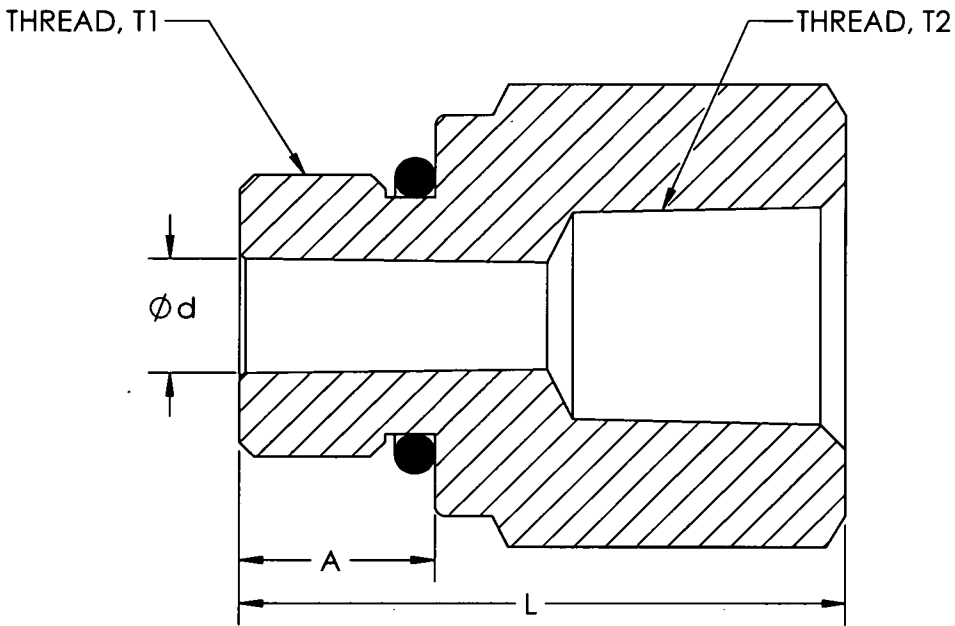
Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

Material Spec.	-	3RD ANGLE PROJECTION	GENERAL TOLERANCES[in]
Stamping Info	S		X.X - ±.030 X.XX - ±.015 X.XXX - ±.005 FRACTIONAL ±1/32 ANGLES ±1/2° unless otherwise stated
Special Req.		ALL SURFACES	ANGULAR DIMENSIONS
		125	MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFER ±5°
		unless otherwise stated	

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No	Zone	Change	Rev	DCN	D	M	Y	DATE	

Designed By	-	-	-
Drawn By	LM	02	01
Reviewed By	TC	02	01
Path of File	D	M	Y
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Scale	-		
Drawing Size	A3		

A.R. Thomson Group			
Superlok Connector CRN Drawing			
SSMC SAE/MS Male Connector			
Page 2 of 5			
ART	8T	1532	00
Logo	Group	Sequence	Revision



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FEB 28 2020

Temp (°F)	ASME B31.3 Correction Factor
	A276/A479
-425	1
-325	1
-50	1
-20	1
100	1
200	1
300	1
400	.965
500	.895
600	.850
650	.830
700	.815
750	.805
800	.795
850	.780
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950	.770
1000	.765
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1250	.275 (Note 2)
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1400	.115 (Note 2)
1450	.085 (Note 2)
1500	.065 (Note 2)

- Notes:
- The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
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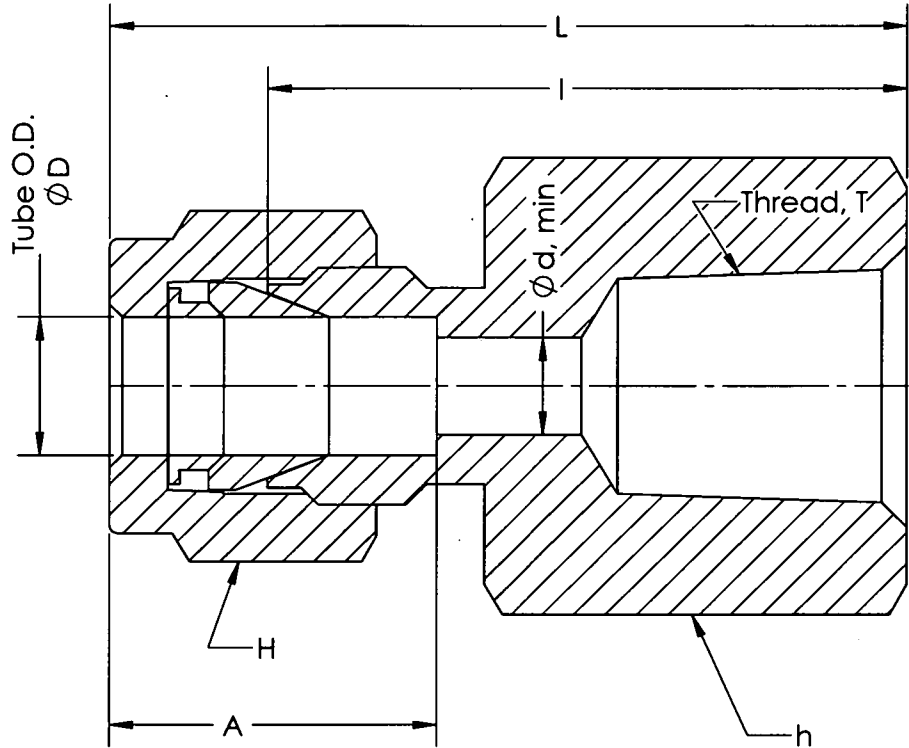
Part No.	THREAD, Inch		Dimension, mm			Width Across Flat, mm Hex, h	MAWP @ 70°F		
IRHB10K-6U-4N-H90-V	T1 3/8" UNF	T2 1/4" NPT	L 31.1	A 10.0	Ød 5.5	20.6	8749		
Material Spec.	-		3RD ANGLE PROJECTION	GENERAL TOLERANCES[in]					
Stamping Info	S			X.X - ±.030 X.XX - ±.015 X.XXX - ±.005 FRACTIONAL ±1/32 ANGLES ±1/2° unless otherwise stated					
Special Req.			ALL SURFACES	ANGULAR DIMENSIONS					
			125 ✓ unless otherwise stated	MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFER ±5°					
			No	Zone	Change	Rev	DCN		
						D	M		
						Y	DATE		
					Designed By	-	-		
					Drawn By	LM	02/01/20		
					Reviewed By	TC	02/01/20		
					Path of File	D	M		
						Y	DATE		
					Ref Dwg No				
					Scale	-			
					Drawing Size	A3			
					Logo	ART			
					Group	8T			
					Sequence	1532			
					Revision	00			



Superlok Connector CRN Drawing

IRHB10K Reducing Hex Bushing

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Temp (°F)	ASME B31.3 Correction Factor
	A276/A479
-425	1
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1050	.725 (Note 2)
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1450	.085 (Note 2)
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- Notes:
1. The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
 2. For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher.
 3. The specification permits this material to be furnished without solution heat treatment or with other than a solution heat treatment. When the material has not been solution heat treated, the minimum temperature shall be -29°C (-20°F) unless the material is impact tested per para. 323.3 of ASME B31.3-2016.
 4. All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

Part No.	Tube O.D. ØD, Inch	Dimension, mm				Thread T, inch	Width Across Flat, mm		MAWP @ 70°F
		L	I	A	Ød		H	h	
SFC10K-4-4N	1/4"	37.9	30.4	15.5	4.8	1/4" NPT	14.3	19.1	10358

Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

Material Spec.	-	3RD ANGLE PROJECTION	GENERAL TOLERANCES[in]
Stamping Info	S		X.X - ±.030 X.XX - ±.015 X.XXX - ±.005 FRACTIONAL ±1/32 ANGLES ±1/2° unless otherwise stated
Special Req.		ALL SURFACES	ANGULAR DIMENSIONS
		125	MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFER ±5°
		unless otherwise stated	

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No	Zone	Change	Rev	DCN	D	M	Y	DATE	

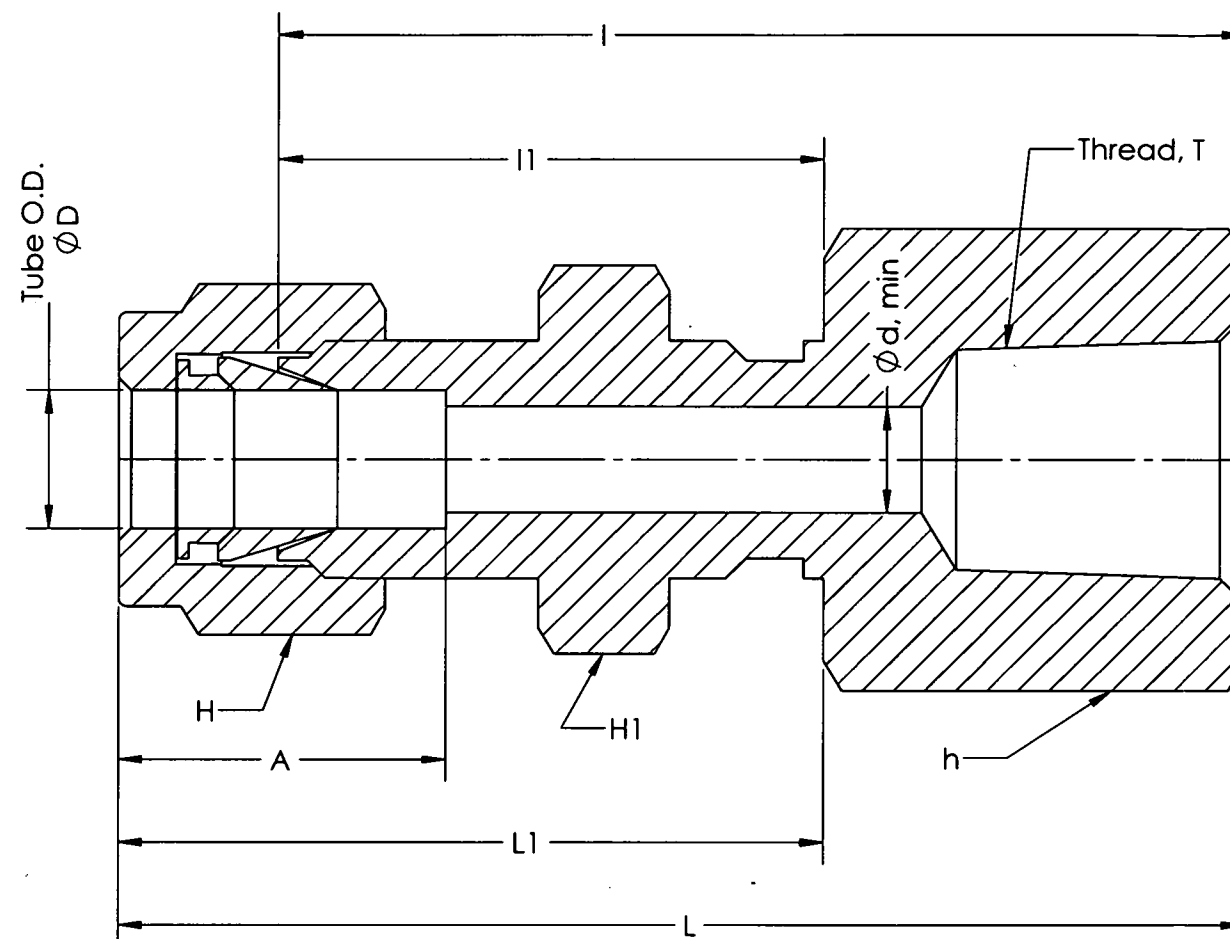
**A.R. Thomson Group**

Superlok Connector CRN Drawing

SFC10K Female Connector

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ART	8T	1532	00
Logo	Group	Sequence	Revision



0A 20497.2

FEB 28 2020

Notes:



1. The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables

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4. All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

Part No.	Tube O.D. Ø D. Inch	Dimension, mm						Thread T. Inch	Width Across Flat, mm			MAWP @ 70°F
		L	L1	I	II	A	Ø d		H	H1	h	
SFCB10K-4-4N	1/4"	54.0	33.7	46.5	26.2	15.5	4.8	1/4" NPT	14.3	15.9	19.1	10358

Material Spec.	-	3RD ANGLE PROJECTION	GENERAL TOLERANCES[in]	NOTICE: This document and exclusive property of A.R. The as expressly authorized by A		
Stamping Info			X.X - ± 0.30 X.XX - ± 0.15 X.XXX - ± 0.005 FRACTIONAL $\pm 1/32$ ANGLES $\pm 1/2^\circ$ unless otherwise stated			
Special Req.		ALL SURFACES	ANGULAR DIMENSIONS			
		 unless otherwise stated	MACHINED $\pm 0.30'$ LOCATING $\pm 0.30'$ FORMED $\pm 2'$ CHAMFER $\pm 5'$	No	Zone	Change

1/4" Superlok JSPWC Swivel Male Pipe Weld Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		28484
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		125,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		137,000
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	28484/4 X (125000 X 1) / 137000 6497

1/2" Superlok JSPWC Swivel Male Pipe Weld Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		26888
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		115,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		136,500
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	26888/4 X (115000 X 1) / 136500 5663

3/4" Superlok JSPWC Swivel Male Pipe Weld Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		21384
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		105,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		134,800
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	21384/4 X (105000 X 1) / 134800 4164

1" Superlok JSPWC Swivel Male Pipe Weld Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		14519
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A479 Gr. 316/L)		95,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		120,236
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	14519/4 X (95000 X 1) / 120236 2868

1-1/4" Superlok JSPWC Swivel Male Pipe Weld Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		9623
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A479 Gr. 316/L)		95,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		125,603
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	9623/4 X (95000 X 1) / 125603 1820

1-1/2" Superlok JSPWC Swivel Male Pipe Weld Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		8002
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A479 Gr. 316/L)		95,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		105,800
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	8002/4 X (95000 X 1) / 105800 1796

2" Superlok JSPWC Swivel Male Pipe Weld Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		11291
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A479 Gr. 316/L)		80,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		114,200
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	11291/4 X (80000 X 1) / 114200 1977

0A 20497.2
FEB 28 2020

1/4" Superlok SSMC-4-4U-SS Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		36476
	S _μ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		125,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	S _{μ avg} (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		137,800
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu avg}}$	36476/4 X (125000 X 1) / 137800 8272

ASME SECTION VIII Part 1 UG-101(d)(2)	Geometrically Similar Parts Qualified	P (psi) MAWP interpolated between SSMC-4-4U-SS and SSMC-6-6U-SS		
	SSMC-4-6U-SS	=(8272psi+9556psi)/2		8914
	SSMC-6-4U-SS	=(8272psi+9556psi)/2		8914

8272 psi
8272 psi

3/8" Superlok SSMC-6-6U-SS Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		41863
	S _μ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		125,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	S _{μ avg} (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		136,900
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu avg}}$	41863/4 X (125000 X 1) / 136900 9556

1/2" Superlok SSMC-8-8U-SS Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		24666
	S _μ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		115,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	S _{μ avg} (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		138,600
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu avg}}$	24666/4 X (115000 X 1) / 138600 5117

3/4" Superlok SSMC-12-12U-SS Male Connector Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		20035
	S _μ (psi)	specified minimum tensile strength at room temperature (ASTM A479 Gr. 316/L)		95,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	S _{μ avg} (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		124,877
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu avg}}$	20035/4 X (95000 X 1) / 124877 3810

1" Superlok SSMC-16-16U-SS Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		17209
	S _μ (psi)	specified minimum tensile strength at room temperature (ASTM A479 Gr. 316/L)		95,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	S _{μ avg} (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		116,596
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu avg}}$	17209/4 X (95000 X 1) / 116596 3505

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FEB 28 2020

3/8" Superlok IRHB10K Reducing Hex Bushing Sample Calculation				
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		41875
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		115,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		137,600
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	41875/4 X (115000 X 1) / 137600

1/4" Superlok SFC10K Female Connector Sample Calculation				
ASME SECTION VIII Part 1 UG- 101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped		49789
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)		115,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))		1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)		138,200
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	49789/4 X (115000 X 1) / 138200

1/4" Superlok SFCB10K Female Connector Sample Calculation					
ASME SECTION VIII Part 1 UG-101(m)(2)	B (psi)	bursting test pressure, or hydrostatic test pressure at which the test was stopped			49789
	Sμ (psi)	specified minimum tensile strength at room temperature (ASTM A276 Gr. 316/L)			115,000
	E	efficiency of welded joint (ASME SECTION VIII Page 118 table UW-12 (3))			1
	Sμ avg (psi)	average actual tensile strength of test specimens at room temperature (From MTR)			138,200
	P (psi)	MAWP	$P = \frac{B}{4} \times \frac{S_{\mu} E}{S_{\mu \text{ avg}}}$	49789/4 X (115000 X 1) / 138200	10358

0A 20497.2
FEB 28 2020

ALBERTA BOILERS SAFETY ASSOCIATION
9410 20 AVENUE NW
EDMONTON AB T6N 0A4

Date: March 23, 2020
Account #: 34986
Journal #: 75485

Attn: CYNTHIA FORMANIUK

Re: Application for Design Registration

The design, as detailed in your, 2020-00364, for a Fitting is accepted for registration as follows:

Registered To: BMT CO LTD **CRN:** 0A20497.21

Drawing #: 8T1532 (Pages 1-5)

Drawing Revision: 00

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on 28-Feb-2030. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in ABSA CRN# 0A20497.2 registration shall apply to BC registration.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Emilia Tam

emilia.tam@technicalsafetybc.ca
Design Administration

cc:



4/6/2020

ABSA
9410 - 20 Avenue NW
Edmonton AB, T6N 0A4

Dear Cynthia Formaniuk

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R548
CRN: 0A20497.24
Scope: 8T-1532 PAGE 1-5 REV 00
Manufacturer: BMT Co. Ltd
Expiry Date: 28/Feb/30

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact me directly via email at Cheryl.Lashek@gov.mb.ca for any questions or concerns.

Cheryl Lashek, P.Eng
Director, ITSM
Inspection and Technical Services
Office of the Fire Commissioner
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3507 | F (204) 948-2309

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: BMT Co., Ltd.	
Manufacturers Address: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Plant Locations: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Category of Fittings to be registered. Circle one Category only (A) Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3
Show Manufacturers Name, Trademark, or Logo as it will appear on the product <div style="text-align: center;"> </div>	Type of Construction Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other: <div style="text-align: center; font-size: 1.2em;">Machined</div>
List of supporting documentation and identification of the actual items to be registered: Drawing # 8T153200, Burst Test Record, Material Test Reports SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector	

Declaration:

I Jong Chan, Yoon (see note 3) employed by BMT Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001-HSB as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: JC YOON

Declared before me at SAMSUNG LAW & NOTARY OFFICE INC.

This 14th day of JAN. AD 2020

Commissioner of Oaths

Or Notary Public: (sign) Jang Woon Yeon

(Affix Official seal to the right)

JANG WOON YEON DEPT. OF JUSTICE
CLERK IN CHARGE

This space for Regulatory Authority Use.

CRN: 0A20497.2 This registration must be revalidated after ten (10) years from the date of acceptance.
 FID#: 15311

Notes:

1. All Fittings shall be registered in the name of the Manufacturer.
2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality Control programs shall be resubmitted for validation.

11/2016

CRN EXPIRES FEB. 28, 2030-DG.



REGISTRATION ONLY
 CRN 0A20497.27
Sam An
 CHIEF BOILER INSPECTOR
 DATE 3/13/20

☐ BLRs ☐ PV
☐ FITTINGS ☐ NUCLEAR COMPONENTS

Sect 1.0 - Fittings Rev.2

STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: BMT Co., Ltd.

Manufacturers Address: 35, Sanmakgongdanham 11-gil Yangsan-Si, Gyeongsangnam-do Korea

Plant Locations: 35, Sanmakgongdanham 11-gil Yangsan-Si, Gyeongsangnam-do Korea

Category of Fittings to be registered. Circle one Category only

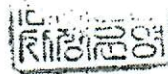
- ☒ A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
☐ B Flanges: all flanges
☐ C Valves: all line valves
☐ D Expansion joints, flexible connections, and hose assemblies: all types
☐ E Strainers, fillers, separators, and steam traps
☐ F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
☐ G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
☐ H Pressure retaining components that do not fall into one of the above categories
☐ N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)

Title of the Standard of Construction

ASME B31.3

Show Manufacturers Name, Trademark, or Logo as it will appear on the product

SUPERLOK



Type of Construction

Forged ☒ Welded ☐ Wrought ☐
 Cast ☐ Other ☐
 Describe other:

Machined

List of supporting documentation and identification of the actual items to be registered:

Drawing # 8T153200, Burst Test Record, Material Test Reports
 SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector

Declaration:

I, Jong Chan, Yoon (see note 3) employed by BMT Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001-HSB as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: JC YOON

Declared before me at SAMSUNG LAW & NOTARY OFFICE INC.

This 14th day of JAN. AD 2020

Commissioner of Oaths

Or Notary Public: (sign) Jang Woon Yecung

(Affix Official seal to the right) **JANG WOON YECUNG**

This space for Regulatory Authority use.

CRN: 0A20497.2

FID#: 15311

Notes:

- All Fittings shall be registered in the name of the Manufacturer.
- Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- Quality Control programs shall be resubmitted for validation.

11/2016

CRN EXPIRES FEB. 28, 2030-D.G.

Newfoundland
Labrador
Service NL

Registered 0A20497.20

Date 20/03/13

Engineering and Inspection Services

Registered by [Signature]

UNDER THE AUTHORITY OF THE
PUBLIC SAFETY ACT AND
THE BOILER, PRESSURE VESSEL AND
COMPRESSED GAS REGULATIONS



UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: BMT Co., Ltd.	
Manufacturers Address: 35, Sennakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Plant Locations: 35, Sennakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
<p>Category of Fittings to be registered. Circle one Category only</p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="checkbox"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B31.3</p>
Show Manufacturers Name, Trademark, or Logo as it will appear on the product	
 	
<p>Type of Construction</p> <p>Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other: Machined</p>	
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Drawing # 8T153200, Burst Test Record, Material Test Reports SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector</p>	

Declaration:

I, Jong Chuan, Yoon (see note 3) employed by BMT Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001:2008 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: JC YOON

Declared before me at SAMSUNG VAW & NOTARY OFFICE INC.

This 14th day of JAN. AD 2020

Commissioner of Oaths

Or Notary Public: (sign) Jang Woon Yeong

(Affix Official seal to the right)

JANG WOON YEONG

<p>CRN: <u>0A20497.2</u></p> <p>FID#: <u>15311</u></p> <p>Notes:</p> <ol style="list-style-type: none"> All Fittings shall be registered in the name of the Manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. <p>11/2016</p> <p>CPN EXPIRES FEB. 28, 2030-D.G.</p>	<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>Northwest Territories</p> <p>REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.</p> <p>C.R.N. <u>0A20497.2</u></p> <p>SIGNED <u>[Signature]</u></p> <p>DATE <u>MAR 13 2020</u></p> <p>763.00</p> <p>Sec 1.0 - Fittings Rev.2</p>
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UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNSNew Brunswick
NunavutNova Scotia
YukonPrince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: BMT Co., Ltd.

Manufacturers Address: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea

Plant Locations: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea

- Category of Fittings to be registered. Circle one Category only**
- ☒ A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
☐ B Flanges: all flanges
☐ C Valves: all line valves
☐ D Expansion joints, flexible connections, and hose assemblies: all types
☐ E Strainers, filters, separators, and steam traps
☐ F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
☐ G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
☐ H Pressure retaining components that do not fall into one of the above categories
- N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐ (Meeting CNSC or ASME requirements)

Title of the Standard of Construction

ASME B31.3

Show Manufacturers Name, Trademark, or Logo as it will appear on the product

**Type of Construction**

Forged ☐ Welded ☐ Wrought ☐
 Cast ☐ Other ☐
 Describe other:

Machined

List of supporting documentation and identification of the actual items to be registered:

Drawing # 8T153200, Burst Test Record, Material Test Reports
 SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector

Declaration:

I, Jong Chan, Yoon (see note 3) employed by BMT Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001:2015 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

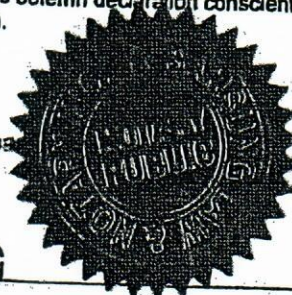
Signature of Declarer:

JC YOONDeclared before me at SAMSUNG LAW & NOTARY OFFICE INC.This 14th day of JAN. AD 2020

Commissioner of Oaths

Or Notary Public: (sign)

(Affix Official seal to the right)

JANG WOON YEOUNG

This space for Regulatory Authority use.

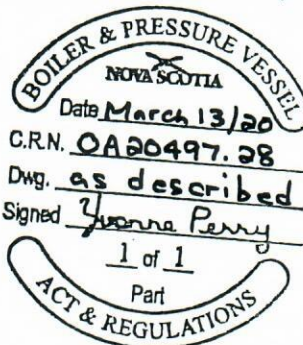
This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0A20497.2FID#: 15311**Notes:**

- All Fittings shall be registered in the name of the Manufacturer.
- Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- Quality Control programs shall be resubmitted for validation.

11/2016



CRN EXPIRES FEB. 28, 2030-DG.



Sect 1.0 - Fittings Rev.2

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNSNew Brunswick
NunavutNova Scotia
YukonPrince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: BMT Co., Ltd.	
Manufacturers Address: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Plant Locations: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3
Show Manufacturers Name, Trademark, or Logo as it will appear on the product  	Type of Construction Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other: Machined
List of supporting documentation and identification of the actual items to be registered: Drawing # 8T153200, Burst Test Record, Material Test Reports SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector	

Declaration:I, Jong Chan, Yoon (see note 3) employed by BMT Co., Ltd.

and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001-HSB as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: JC YOONDeclared before me at SAMSUNG LAW & NOTARY OFFICE INC.This 14th day of JAN. AD 2020

Commissioner of Oaths

Or Notary Public: (sign) Jang Woon Yeong

(Affix Official seal to the right)

JANG WOON YEONG

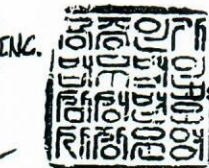
This space for Regulatory Authority use.

CRN: 0A20497.2FID#: 15311**Notes:**

- All Fittings shall be registered in the name of the Manufacturer.
- Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- Quality Control programs shall be resubmitted for validation.

11/2016

CRN EXPIRES FEB. 28, 2030-DG.



Boilers and
Pressure Vessels Act

REGISTERED

CRN 0A 20497.2 NDate March 13, 2020Signed [Signature]

Chief Inspector

Director Safety Services - CCS

Sect 1.0 - Fittings Rev.2

Territorial Registration Fee



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

March 16, 2020

CYNTHIA FORMANIUK
ALBERTA BOILERS SAFETY ASSOCIATION
9410 20 AVE NW
EDMONTON AB T6N 0A4
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2770550
Your Reference No.: 2020-00364 PORTAL 2001-S034
Registered to: BMT CO LTD

Dear CYNTHIA FORMANIUK,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: 0A20497.25

Main Design No.: 8T153200 CONNECTORS & REDUCTING HEX BUSHING - SEE SCOPE OF REGISTRATION
Expiry Date: 28-Feb-2030

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

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

- *The Scope of this Registration include: JSPWC Swivel Male Pipe Weld Connector, SSMC SAE/MS Male Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector and SFCB10K Female Connector*
- *See Design Scope For Registration of Fittings for details*
- *This design is accepted for registration based on the understanding that:*
 - *the specific minimum tensile strength of ASTM A479 316/316L at room temperature is at least 95ksi*
 - *the ASTM A276 316/316L is cold finished-condition B*
 - *the materials (ASTM A276/A479 316/316L) shall be furnished without solution heat treatment or with other than a solution heat treatment. When the materials have not been solution heat treated, the minimum temperature shall be -29 deg C, unless the material is impact tested per para.323.3 of ASME B31.3-2016*
 - *the MAWP of SSMC-4-6U-SS and SSMC-6-4U-SS are both 8272psi*

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.

- *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.*

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,



Liliana Constantinescu, P Eng
Tel. : 416-734-3425
lconstantinescu@tssa.org

Registered No. 2020 - 68

NOTARIAL CERTIFICATE

SAMSUNG LAW & NOTARY OFFICE INC.

Belong to Ulsan District Prosecutor's Office

168, Jungang-Ro, Yangsan-City, Gyeongsangnam-Do, Korea

TEL : +82 55 372-5599



STATUTORY DECLARATION Registration of Fittings

I, Jong Chan, Yoon, President
(name of applicant) (position title) (must be in a position of authority)
of BMT Co., Ltd.
(name of manufacturer)
located at 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
(plant address)

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



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

☐ comply with the requirements of (title of recognized North American Standard) 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 ASME B31.3 as supported by the attached
(title of code of construction or other applicable document)

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, ISO 9001-HSB 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 SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector
(brief description of fittings)

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

Drawing # 8T153200, Burst Test Record, Material Test Reports

DECLARED before me at Yangsan in the Gyeongsangnam-do of Korea
(City) (Province or State)
this 14th day of JAN., 2020
(Month) (Year)

(print) JANG WOON YEOUNG
(a Commissioner of Oaths or Notary Public)

(sign) Jang woon yeoung
(a Commissioner of Oaths or Notary Public)

JC YOON
(signature of applicant)

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0A20497.25

Signed: ll

Date: March 16, 2020.

For ABSA Office Use Only:

NOTES: SEE DESIGN SCOPE FOR REGISTRATION OF FITTINGS

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: 0A20497.25

(Signature of the Administrator/SCO)

Date Registered: MARCH 16, 2020

Expiry Date: FEB. 28, 2030

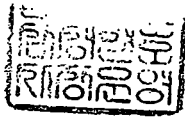
등부 2020 년 제 68 호

Registered No. 2020 - 68

인 증

Notarial Certificate

위 등록신청서 에 기재된 촉탁인
주식회사 비엠티 대표이사 윤종찬
의 대리인 김민지는 본 공증인의 면천
에서 위 사석증서에 위 본인이 기명날
인한 것임을 확인하였다.



2020 년 1 월 14 일 이 사무소에
서 위 인증한다.

MINJI KIM attorney-in-fact of
JONG CHAN YOON, President of
BMT Co., Ltd. appeared before me
and admitted principal's subscription to
the attached
the STATUTORY DECLARATION
Registration of Fittings .

This is hereby attested on this 14th day
of JAN., 2020. at this office.

법무법인 삼성
소속 울산지방검찰청
경남 양산시 중앙로 168. 2층

SAMSUNG Law & Notary Office INC.
Belong to Ulsan District Prosecutor's Office
168, Jungang-Ro, Yangsan-City,
Gyeongsangnam-do, Korea.

공증담당
변호사

장운영



Jang Woon Yeong

Signature of the Notary Public

JANG WOON YEOUNG

This office has been authorized by the
Minister of Justice, the Republic of Korea to
act as Notary Public since Feb. 7. 2015.
under Law No. 220.




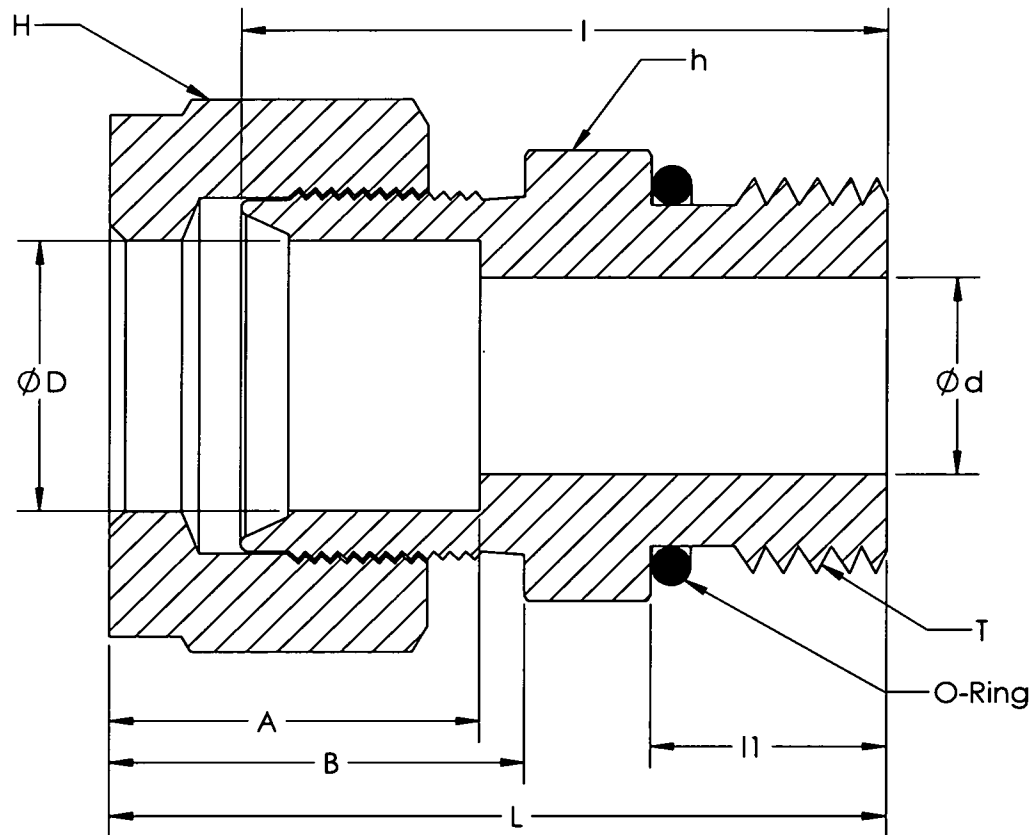
Notes:

1. The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
2. For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher.
3. The specification permits this material to be furnished without solution heat treatment or with other than a solution heat treatment. When the material has not been solution heat treated, the minimum temperature shall be -29°C (-20°F) unless the material is impact tested per para. 323.3 of ASME B31.3-2016.
4. All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

[illegible]

 A.R. Thomson Group			
Superlok Connector CRN Drawing			
JSPWC Swivel Male Pipe Weld Connector			
Page 1 of 5			
ART	8T	1532	00



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0A20497.25
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

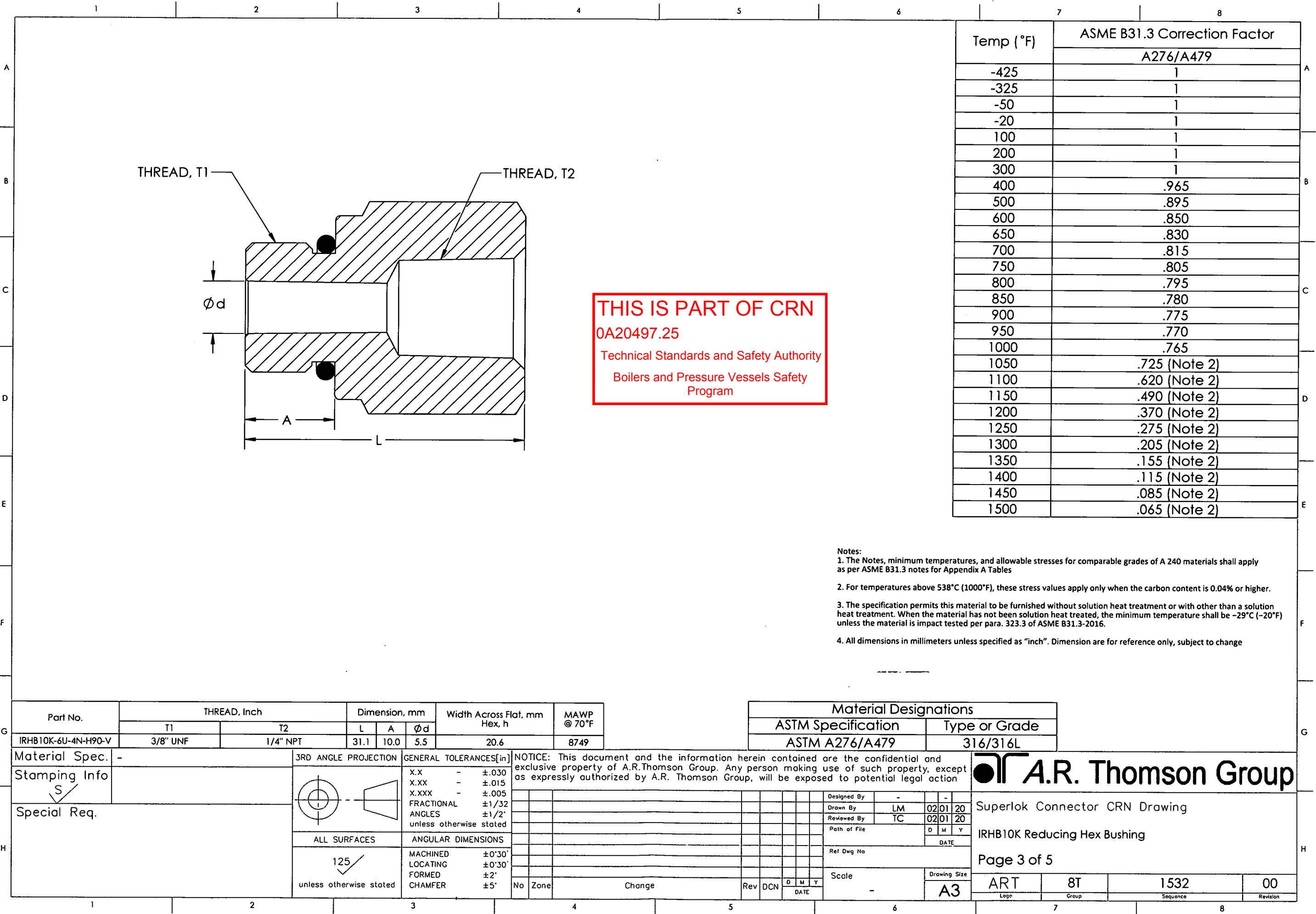
Temp (°F)	ASME B31.3 Correction Factor
	A276/A479
-425	1
-325	1
-50	1
-20	1
100	1
200	1
300	1
400	.965
500	.895
600	.850
650	.830
700	.815
750	.805
800	.795
850	.780
900	.775
950	.770
1000	.765
1050	.725 (Note 2)
1100	.620 (Note 2)
1150	.490 (Note 2)
1200	.370 (Note 2)
1250	.275 (Note 2)
1300	.205 (Note 2)
1350	.155 (Note 2)
1400	.115 (Note 2)
1450	.085 (Note 2)
1500	.065 (Note 2)

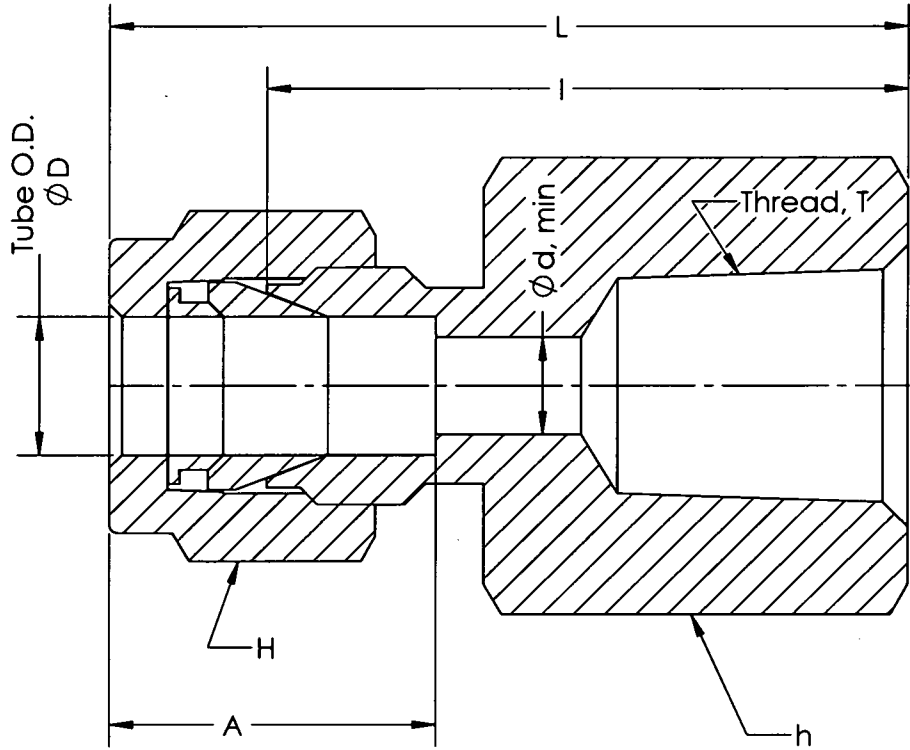
- Notes:
- The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
 - For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher.
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 - All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

Part No.	Tube O.D. D (inch)	Straight Thread T (U)	d Min	A	B	I	II	L	With Across Flat, inch		O-Ring Uniform Size Number	MAWP @ 70°F
									h	H		
SSMC-4-4U-SS	1/4	7/16-20	4.82	15.24	17.78	26.67	9.14	34.03	9/16	9/16	3-904	8272
SSMC-4-6U-SS	1/4	9/16-18	4.82	15.24	17.78	28.19	9.90	35.56	11/16	9/16	3-9.6	8914
SSMC-6-4U-SS	3/8	7/16-20	5.08	16.76	19.30	28.19	9.14	35.56	5/8	11/16	3-904	8914
SSMC-6-6U-SS	3/8	9/16-18	7.11	16.76	19.30	29.71	9.90	37.08	11/16	11/16	3-906	9556
SSMC-8-8U-SS	1/2	3/4-16	10.41	22.86	21.84	31.75	11.17	41.91	7/8	7/8	3-908	5117
SSMC-12-12U-SS	3/4	1-1/16-12	15.74	24.38	21.84	38.86	14.98	49.02	1-1/4	1-1/8	3-912	3810
SSMC-16-16U-SS	1	1-5/16-12	22.35	31.24	26.41	42.16	14.98	54.35	1-1/2	1-1/2	3-916	3505

Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

Material Spec. -	3RD ANGLE PROJECTION	GENERAL TOLERANCES[in]	NOTICE: This document and the information herein contained are the confidential and exclusive property of A.R.Thomson Group. Any person making use of such property, except as expressly authorized by A.R. Thomson Group, will be exposed to potential legal action	A.R. Thomson Group				
Stamping Info S		X.X - ±.030 X.XX - ±.015 X.XXX - ±.005 FRACTIONAL ±1/32 ANGLES ±1/2° unless otherwise stated		Superlok Connector CRN Drawing				
Special Req.	ALL SURFACES	ANGULAR DIMENSIONS		SSMC SAE/MS Male Connector				
	125 unless otherwise stated	MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFER ±5°		Page 2 of 5				
			No Zone Change	Rev DCN	D M Y DATE	Scale -	Drawing Size A3	ART 8T 1532 00
								Logo Group Sequence Revision





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0A20497.25
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Temp (°F)	ASME B31.3 Correction Factor	
	A276/A479	
-425	1	
-325	1	
-50	1	
-20	1	
100	1	
200	1	
300	1	
400	.965	
500	.895	
600	.850	
650	.830	
700	.815	
750	.805	
800	.795	
850	.780	
900	.775	
950	.770	
1000	.765	
1050	.725 (Note 2)	
1100	.620 (Note 2)	
1150	.490 (Note 2)	
1200	.370 (Note 2)	
1250	.275 (Note 2)	
1300	.205 (Note 2)	
1350	.155 (Note 2)	
1400	.115 (Note 2)	
1450	.085 (Note 2)	
1500	.065 (Note 2)	

- Notes:
- The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
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 - All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

Part No.	Tube O.D. ØD, Inch	Dimension, mm				Thread T, inch	Width Across Flat, mm		MAWP @ 70°F
		L	I	A	Ød		H	h	
SFC10K-4-4N	1/4"	37.9	30.4	15.5	4.8	1/4" NPT	14.3	19.1	10358

Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

Material Spec.	-	3RD ANGLE PROJECTION	GENERAL TOLERANCES[in]	NOTICE: This document and the information herein contained are the confidential and exclusive property of A.R.Thomson Group. Any person making use of such property, except as expressly authorized by A.R. Thomson Group, will be exposed to potential legal action
Stamping Info	S		X.X - ±.030 X.XX - ±.015 X.XXX - ±.005 FRACTIONAL ±1/32 ANGLES ±1/2° unless otherwise stated	
Special Req.		ALL SURFACES	ANGULAR DIMENSIONS	
		125 unless otherwise stated	MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFER ±5°	

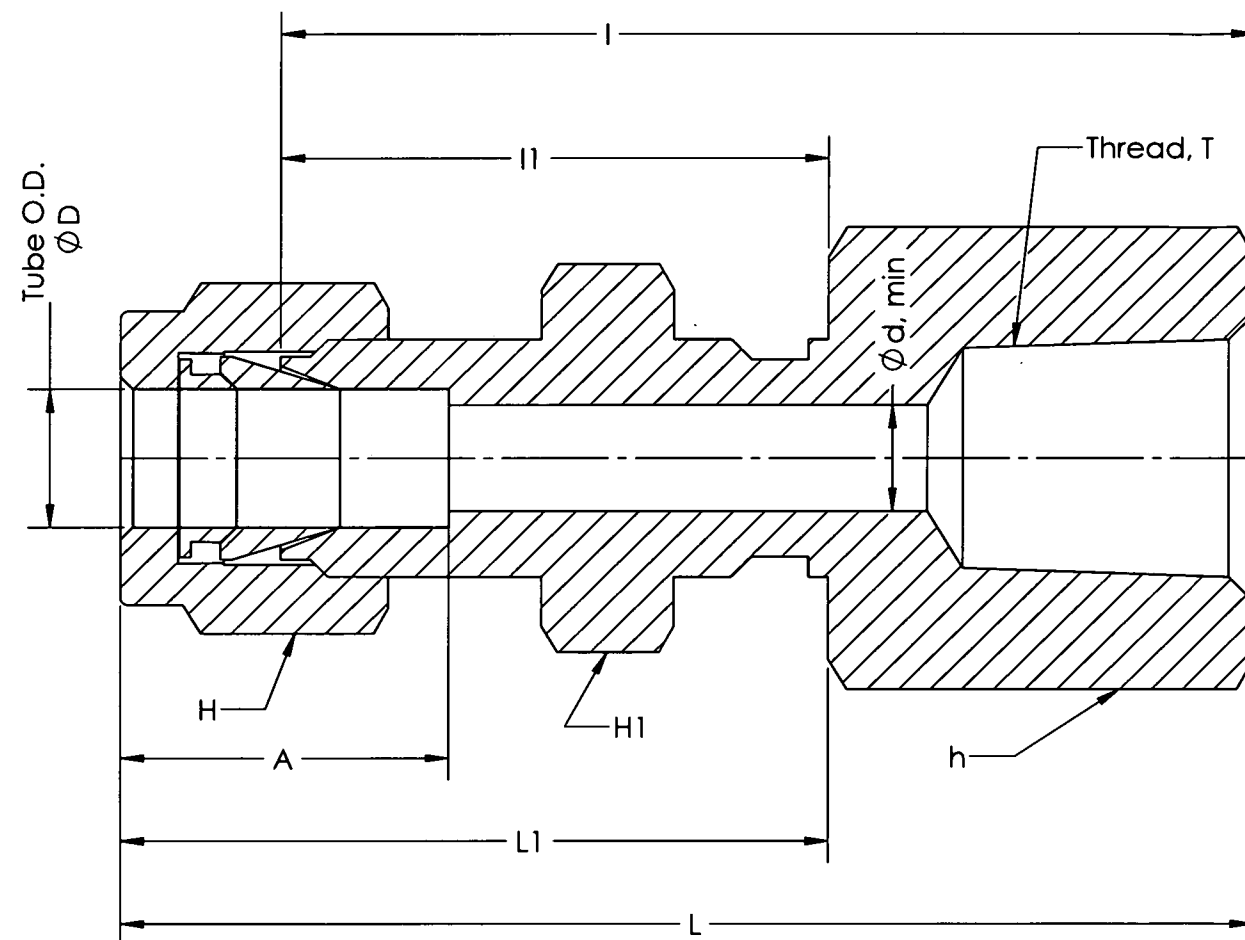
No	Zone	Change	Rev	DCN	D	M	Y	DATE

Superlok Connector CRN Drawing

SFC10K Female Connector

Page 4 of 5

ART	8T	1532	00
Logo	Group	Sequence	Revision



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0A20497.25
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program


Notes:

1. The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables
2. For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher.
3. The specification permits this material to be furnished without solution heat treatment or with other than a solution heat treatment. When the material has not been solution heat treated, the minimum temperature shall be -29°C (-20°F) unless the material is impact tested per para. 323.3 of ASME B31.3-2016.
4. All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

Part No.	Tube O.D. ø D, Inch	Dimension, mm						Thread T, Inch	Width Across Flat, mm			MAWP @ 70°F
		L	L1	I	II	A	ø d		H	H1	h	
SFCB10K-4-4N	1/4"	54.0	33.7	46.5	26.2	15.5	4.8	1/4" NPT	14.3	15.9	19.1	10358

Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

[illegible]

 A.R. Thomson Group			
Superlok Connector CRN Drawing			
SFCB10K Female Connector			
Page 5 of 5			
ART	8T	1532	00
Logo	Group	Sequence	Revision



the pressure equipment safety authority

DESIGN SCOPE FOR REGISTRATION OF FITTINGS

(Supplementary to Form AB-41)

AB-257 2016-01

This form may be used to document the Design Scope for fittings that require registration in accordance with the PESR s14 and s17. In each column, provide the information required or list the document number where the information can be found. If the column is not applicable to the fitting design, then indicate N/A.

Note: This form shall be completed and submitted with Form AB-41 Statutory Declaration Registration of Fittings.

Product Description	Primary Pressure Bearing/ Retaining Component	Material of Construction	End Connections and Size Range	Design Condition		MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
				Pressure at Ambient Temp.	Pressure at Design Temp.				
Example: SERIES XZ	Body A	Material for Body A ASTM A-XXX	Female NPT XX-YY (in.) Female ISO (Size Range)	### psi @ ## °F	### psi @ ## °F	- ## °F	Class XXX# or SCH XX	Std. B16.X	Series XZ Catalog Pages # & #

THIS IS PART OF CRN

0A20497.25

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety
Program

FOR ABSA USE ONLY:

Reference Tracking No. _____



the pressure equipment safety authority

**DESIGN SCOPE FOR
REGISTRATION OF FITTINGS**
(Supplementary to Form AB-41)
AB-257 2016-01

JSPWC Swivel Male Pipe Weld Connector	Body	ASTM A276/479 Grade 316/316L	UNF x Pipe Weld (1/4" to 2")	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SSMC SAE/MS Male Connector	Body	ASTM A276/479 Grade 316/316L	Tube End x Straight Thread (1/4" to 1")	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
IRHB10K Reducing Hex Bushing	Body	ASTM A276 Grade 316/316L	3/8" UNF x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFC10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFCB10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200

SEE NOTE 3 FROM DRAWING 8T153200 FOR
MDMT INFO

THIS IS PART OF CRN

0A20497.25

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety
Program

FOR ABSA USE ONLY:

Reference Tracking No. _____



UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: BMT Co., Ltd.	
Manufacturers Address: 35, Sanmakgongdanim 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Plant Locations: 35, Sanmakgongdanim 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Category of Fittings to be registered. Circle one Category only A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	Title of the Standard of Construction ASME B31.3
Show Manufacturers Name, Trademark, or Logo as it will appear on the product	
 	
Type of Construction Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input type="checkbox"/> Describe other: Machined	
List of supporting documentation and identification of the actual items to be registered: Drawing # 8T153200, Burst Test Record, Material Test Reports SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector	

Declaration:

I, Jong Chan, Yoon (see note 3) employed by BMT Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001-HBB as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: JC YOON

Declared before me at SAMSUNG LAW & NOTARY OFFICE INC.

This 14th day of JAN. AD 2020

Commissioner of Oaths

Or Notary Public: (sign) Jang Woon Yeong

(Affix Official seal to the right) JANG WOON YEONG



CRN: <u>0A20497.2</u> FID#: <u>15311</u> Notes: 1. All Fittings shall be registered in the name of the Manufacturer. 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation. 11/2016 CRN EXPIRES FEB.28, 2030-D.G.	This registration must be revalidated after ten (10) years from the date of acceptance. ACCEPTED PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT C.R.N. <u>0A20497.29</u> DATE: <u>March 13 2020</u> <u>Jang McCabe</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH Sect 1.0 - Fittings Rev.2
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Montréal, 6 Mars 2020

MME ANNIE STEWART
ABSA
9410 - 20 AVENUE N.W.
EDMONTON ALBERTA,
CANADA T6N 0A4

Fabricant : BMT CO. LTD
35 SANMAKGONGDANNAM 11-GIL
YANGSAN-SI GYEONGSANGNAM-D
KOREA

Numéro de dossier : 951616
Numéro(s) de dessin (s) : 8T153200 PAGE 1-5 REV.00

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Madame,

La Régie du bâtiment du Québec (RBQ) vous informe que votre demande d'enregistrements de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) : 0A20497.26

Nous portons à votre attention cette exigence applicable à la réglementation sur les appareils sous pression et des codes et normes qui y sont associés :

- Le constructeur doit maintenir un système de contrôle de la qualité valide pour fabriquer selon ce NEC.

Le présent avis d'approbation ne dégage pas le constructeur de ses responsabilités quant à la conception ou à la construction des équipements fabriqués selon ce NEC.

Salutations distinguées,

Bureau d'expertise et d'homologation en équipements sous pression

N.B. Translation of this communication below.

Montréal, March 6, 2020

MRS ANNIE STEWART
ABSA
9410 - 20 AVENUE N.W.
EDMONTON ALBERTA,
CANADA T6N 0A4

Manufacturer : BMT CO. LTD
35 SANMAKGONGDANNAM 11-GIL
YANGSAN-SI GYEONGSANGNAM-D
KOREA

Our reference : 951616
Design number : 8T153200 PAGE 1-5 REV.00

Subject: Registration of designs – Confirmation of approval

Dear Madam,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) : 0A20497.26.

We bring your attention this requirement of the regulation respecting pressure vessels, and the codes and standards adopted:

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Registered No. 2020 - 68

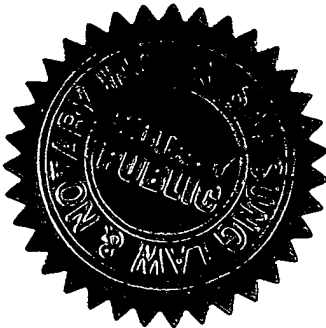
NOTARIAL CERTIFICATE

SAMSUNG LAW & NOTARY OFFICE INC.

Belong to Ulsan District Prosecutor's Office

168, Jungang-Ro, Yangsan-City, Gyeongsangnam-Do, Korea

TEL : +82 55 372-5599



Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ Jong Chan, Yoon
(Name of applicant)
President
(Position eg, president, plant manager, chief eng.)
of BMT Co., Ltd.
(name of company)
Located at 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- ☒ comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required: ASME B31.3
- Or
- ☐ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ASME, and has been verified by the following authority or authorized agency ISO 9001-HSB

The fittings² covered by this declaration, for which I seek registration, are SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector

In support of the application, the following information, calculations and/or test data are attached:
Drawing # 8T153200, Burst Test Record, Material Test Reports

Declared before me at City of Yangsan

In the Gyeongsangnam-Do of Korea

The 14th day of JAN. AD 2020

Jang Woon Yeong
A (commissioner for oaths)
JANG WOON YEOUNG

JC YOON
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category _____ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

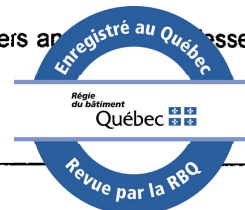
This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN _____

For the Chief Inspector _____

Date _____

0A 20497.26
04 mars 2020



¹ Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.

² All fittings are required to be registered in the name of the Manufacturer.

³ This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.

법무법인 삼성

등부 2020 년 제 69 호

Registered No. 2020 - 69

인 증

Notarial Certificate

위 등록신청서 에 기재된 촉탁인
주식회사 비엠티 대표이사 윤종찬
의 대리인 김민지는 본 공증인의 면전
에서 위 사서증서에 위 본인이 기명날
인한 것임을 확인하였다.



MINJI KIM attorney-in-fact of
JONG CHAN YOON, President of
BMT Co., Ltd. appeared before me
and admitted principal's subscription to
the attached
the STATUTORY DECLARATION
Registration of Fittings .

2020 년 1 월 14 일 이 사무소에
서 위 인증한다.

This is hereby attested on this 14th day
of JAN., 2020. at this office.

법무법인 삼성
소속 울산지방검찰청
경남 양산시 중앙로 168. 2층

SAMSUNG Law & Notary Office INC.
Belong to Ulsan District Prosecutor's Office
168, Jungang-Ro, Yangsan-City,
Gyeongsangnam-do, Korea.

공증담당
변호사

장운영



Jang Woon Yeong

Signature of the Notary Public

JANG WOON YEOUNG

This office has been authorized by the
Minister of Justice, the Republic of Korea to
act as Notary Public since Feb. 7. 2015.
under Law No. 220.



the pressure equipment safety authority

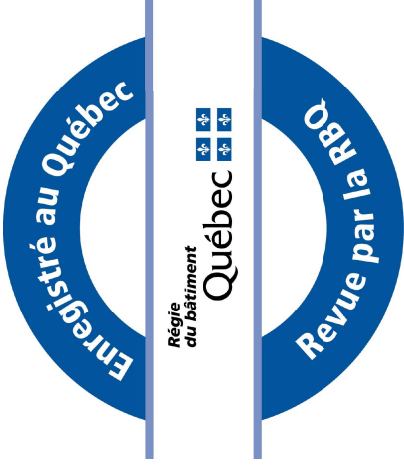
DESIGN SCOPE FOR REGISTRATION OF FITTINGS

(Supplementary to Form AB-41)
AB-257 2016-01

This form may be used to document the Design Scope for fittings that require registration in accordance with the PESR s14 and s17. In each column, provide the information required or list the document number where the information can be found. If the column is not applicable to the fitting design, then indicate N/A.

Note: This form shall be completed and submitted with Form AB-41 Statutory Declaration Registration of Fittings.

Product Description	Primary Pressure Bearing/Retaining Component	Material of Construction	End Connections and Size Range	Design Condition		MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
				Pressure at Ambient Temp.	Pressure at Design Temp.				
Example: SERIES XZ	Body A	Material for Body A ASTM A-XXX	Female NPT XX-YY (in.) Female ISO (Size Range)	### psi @ ## °F	### psi @ ## °F	- ## °F	Class XXX# or SCH XX	Std. B16.X	Series XZ Catalog Pages # & #



Régie
du bâtiment
Québec

0A 20497.26
04 mars 2020

FOR ABSA USE ONLY:
Reference Tracking No. _____



the pressure equipment safety authority

DESIGN SCOPE FOR REGISTRATION OF FITTINGS (Supplementary to Form AB-41) AB-257 2016-01

JSPWC Swivel Male Pipe Weld Connector	Body	ASTM A276/479 Grade 316/316L	UNF x Pipe Weld (1/4" to 2")	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SSMC SAE/MS Male Connector	Body	ASTM A276/479 Grade 316/316L	Tube End x Straight Thread (1/4" to 1")	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
IRHB10K Reducing Hex Bushing	Body	ASTM A276 Grade 316/316L	3/8" UNF x 1/4" NPT	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFC10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFCB10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200



0A 20497.26
04 mars 2020

FOR ABSA USE ONLY:
Reference Tracking No. _____



A.R. Thomson Group

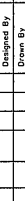
Superlok Connector CRN Drawing
JSPWC Swivel Male Pipe Weld Connector

Page 1 of 5

ART	8T	1532	00
Loge	Group	Sequence	Revision

Part No.	Thread	Pipe	Dimension, mm				With Across Flt, inch		MAMP @ 70°F
			L	I	A	Ød	H	h	
JSPWC-4T-4P-11L	7/16 - 20UNF	1-1/4" (Ø 13.72)	35.6	26.9	11.1	9.9	13.7	9/16	6497
JSPWC-8T-8P-11L	3/4 - 16UNF	1 1/2" (Ø 21.34)	42.5	31.8	11.1	9.9	21.3	7/8	5663
JSPWC-12T-12P-11L	3/4" (Ø 26.67)	46.3	32	11.1	15.5	26.7	1-1/4	1-1/16	4164
JSPWC-16T-16P-11L	1-5/16 - 12UN	1-1/4" (Ø 33.4)	50.1	35	11.1	27.4	33	1-1/2	2868
JSPWC-20T-20P-11L	1-5/8 - 12UN	1-1/4" (Ø 42.16)	57.1	41.2	11.1	27.4	42.2	2	1820
JSPWC-24T-24P-11L	1-7/8 - 12UN	1-1/2" (Ø 48.26)	63.5	44.9	11.1	35.3	48.3	2-1/4	1796
JSPWC-32T-32P-11L	2-1/2 - 12UN	2" (Ø 60.32)	74.3	50.5	11.1	43.2	60.3	2-1/2	1977

Material Spec.	-	3RD ANGLE PROJECTION	GENERAL TOLERANCES(in)	NOTICE: This document and the information herein contained are the confidential and exclusive property of A.R. Thomson Group. Any person making use of such property, except as expressly authorized by A.R. Thomson Group, will be exposed to potential legal action
Stamping Info			X.X - ±.030	

Special Req.				XXX XXXX ANGLES unless otherwise stated		±.015 ±.005 ±.02 ±.1/2 unless otherwise stated		Disposed By Drawn By Reviewed By Path of File		0201 20 LM TC D M Y DATE	
ALL SURFACES		125/ unless otherwise stated		ANGULAR DIMENSIONS MACHINED LOCATING FORMED CHAMFER		±0°30' ±0°30' ±2° ±5°		Rev DCN DATE		Scale D M Y DATE	
				No Zone		Change				Drawing Size A3	

Notes: 1. Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for ASME B31.3 Tables. 2. For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher. 3. The specification permits the material to be furnished without solution heat treatment or with other than a solution heat treatment. When the material has not been solution heat treated, the minimum temperature shall be -29°C (-20°F) unless the material is impact tested per para. 323.3 of ASME B31.3-2016. 4. All dimensions in millimeters unless specified as "inch." Dimension are for reference only, subject to change.

1		2		3		4		5		6		7		8	
A		B		C		D		E		F		G		H	
Part No.		THREAD, Inch		Dimension, mm		Width Across Flats, mm		MAWP @ 70°F		Material Designations		ASTM Specification		Type or Grade	
IRHB10K-6U-4N-H90-V		T1 3/8" UNF		L 31.1 A 10.0		Hex, h 20.6		87.49		ASTM A276/A479		316/316L			
Material Spec.		1/4" NPT		3RD ANGLE PROJECTION		GENERAL TOLERANCES (in)		NOTICE: This document and the information herein contained are the confidential and exclusive property of A.R. Thomson Group. Any person making use of such property except as expressly authorized by A.R. Thomson Group, will be exposed to potential legal action.		Designed By		Drawn By		Reviewed By	
Special Req.		S		125		X.X X.XX X.XXX FRACTIONAL ANGLES unless otherwise stated		±.030 ±.015 ±.005 ±1/32 ±1/2° unless otherwise stated		02/01/20		LM		JC	
				ALL SURFACES		ANGULAR DIMENSIONS		MACHINED LOCATING FACES CHAMFER unless otherwise stated		DATE		DATE		DATE	
				125		±0.30 ±0.30 ±.5		No Zone		Rev		DWN		Scale	
				Change		Zone		Change		A3		Drawing Size		ART	
				8T		1.532		00		Superlok Connector CRN Drawing		IRHB10K Reducing Hex Bushing		Page 3 of 5	
				ART		8T		1.532		00		Superlok Connector CRN Drawing		IRHB10K Reducing Hex Bushing	
				ART		8T		1.532		00		Superlok Connector CRN Drawing		IRHB10K Reducing Hex Bushing	

Temp (°F)

ASME B31.3 Correction Factor

A276/A479

-425	1
-325	1
-50	1
-20	1
100	1
200	1
300	1
400	.965
500	.895
600	.850
650	.830
700	.815
750	.805
800	.795
850	.780
900	.775
950	.770
1000	.765
1050	.725 (Note 2)
1100	.620 (Note 2)
1150	.490 (Note 2)
1200	.370 (Note 2)
1250	.275 (Note 2)
1300	.205 (Note 2)
1350	.155 (Note 2)
1400	.115 (Note 2)
1450	.085 (Note 2)
1500	.065 (Note 2)

Notes:

1. The Notes, minimum temperatures, and allowable stresses for comparable grades of A 240 materials shall apply as per ASME B31.3 notes for Appendix A Tables

2. For temperatures above 538°C (1000°F), these stress values apply only when the carbon content is 0.04% or higher.

3. The specification permits this material to be furnished without solution heat treatment or with other than a solution heat treatment. When the material has not been solution heat treated, the minimum temperature shall be -25°C (-20°F) unless the material is impact tested per para. 323.3 of ASME B31.3-2016.

4. All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

THREAD, T1

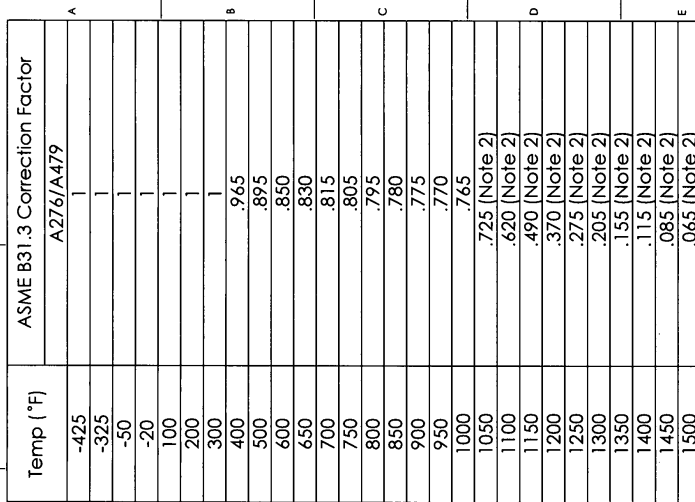
THREAD, T2

Ød

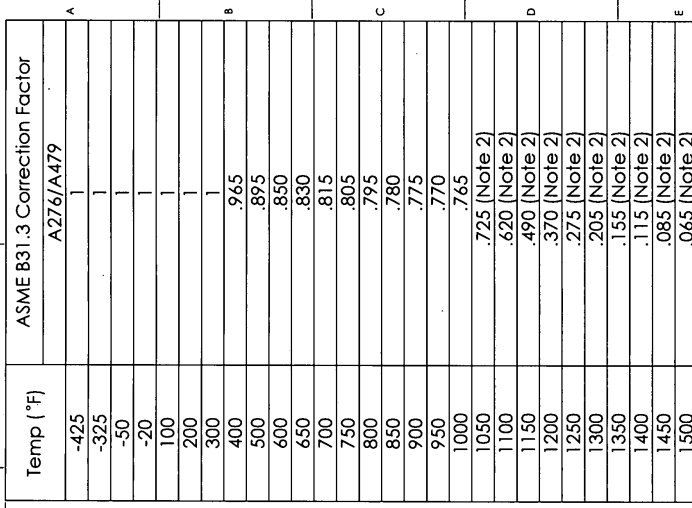
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A.R. Thomson Group

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Superlok Connector CRN Drawing		
SFC10K Female Connector		
Page 4 of 5		
ART	8T	1532
		00



Material Designations	
ASTM Specification	Type or Grade
ASTM A276/A479	316/316L

Superlok Connector CRN Drawing

SFCB10K Female Connector

Page 5 of 5

Loge	Group	Sequence	Revision
ART	8T	1532	00

REGISTRATION OF A PRESSURE FITTING DESIGN

25-Mar-20

ABSA
9410 20th Avenue NW
Edmonton, AB
T6N 0A4**Attention: Annie Stewart****File Number: 11411 [0 F]****Re: Manufacturer: BMT CO LTD**
Item: Hex Bushing, Male and Female Connectors
Catalog or Drawing: 8T1532 Pages 1-5 Rev 00

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0A20497.23**Expiry Date: February 28, 2030**

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Adenike Adeoti, P.Eng.
Codes and Standards Compliance**Remarks:**

CRN registered upon compliance with the notes on the original ABSA registration. A valid quality management system must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

STATUTORY DECLARATION Registration of Fittings

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



I, Jong Chan, Yoon, President
(name of applicant) (position title) (must be in a position of authority)
of BMT Co., Ltd.
(name of manufacturer)
located at 35, Sanmakgongdannam 11-gil Yangsan-Si, Gyeongsangnam-do Korea
(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 ASME B31.3 which specifies the dimensions,
(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 ASME B31.3 as supported by the attached
(title of code of construction or other applicable document)

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, ISO 9001-HSB 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 SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector
(brief description of fittings)

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

Drawing # 8T153200, Burst Test Record, Material Test Reports

DECLARED before me at Yangsan in the Gyeongsangnam-do of Korea
(city) (province or state)
this 14th day of JAN., 2020
(Month) (Year)

(print) JANG WOON YEOUNG
(a Commissioner of Oaths or Notary Public)

(sign) Jang woon yeoung
(a Commissioner of Oaths or Notary Public)

JC YOON
(signature of applicant)

For ABSA Office Use

NOTES:

To the best of my knowledge
Standard B51, Clause

Registration Number:

Date Registered:

The information you provide is
Pressure Equipment Discipline



Technical
Safety Authority
of Saskatchewan

Registration No. 0A20497.23

File No. 11411

Registered

Date: March 25, 2020

Expiry Date: February 28, 2030

Codes & Standards Compliance Office

ments of the Safety Codes Act and CSA

(Signature of the Administrator/SCO)

the Alberta Safety Codes Act and Regulations in the



the pressure equipment safety authority

DESIGN SCOPE FOR REGISTRATION OF FITTINGS

(Supplementary to Form AB-41)

AB-257 2016-01

This form may be used to document the Design Scope for fittings that require registration in accordance with the PESR s14 and s17. In each column, provide the information required or list the document number where the information can be found. If the column is not applicable to the fitting design, then indicate N/A.

Note: This form shall be completed and submitted with Form AB-41 Statutory Declaration Registration of Fittings.

Product Description	Primary Pressure Bearing/ Retaining Component	Material of Construction	End Connections and Size Range	Design Condition		MDMT	Pressure Class or Schedule	Design Code of Construction or Standard	Catalog page or Drawing numbers
				Pressure at Ambient Temp.	Pressure at Design Temp.				
Example: SERIES XZ	Body A	Material for Body A ASTM A-XXX	Female NPT XX-YY (in.) Female ISO (Size Range)	### psi @ ## °F	### psi @ ## °F	- ## °F	Class XXX# or SCH XX	Std. B16.X	Series XZ Catalog Pages # & #



Technical
Safety Authority
of Saskatchewan

Registration No. 0A20497.23

File No. 11411

Registered

Date: March 25, 2020

Expiry Date: February 28, 2030

Codes & Standards Compliance Office

FOR ABSA USE ONLY:

Reference Tracking No. _____



the pressure equipment safety authority

DESIGN SCOPE FOR REGISTRATION OF FITTINGS

(Supplementary to Form AB-41)

AB-257 2016-01

JSPWC Swivel Male Pipe Weld Connector	Body	ASTM A276/479 Grade 316/316L	UNF x Pipe Weld (1/4" to 2")	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SSMC SAE/MS Male Connector	Body	ASTM A276/479 Grade 316/316L	Tube End x Straight Thread (1/4" to 1")	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
IRHB10K Reducing Hex Bushing	Body	ASTM A276 Grade 316/316L	3/8" UNF x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFC10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200
SFCB10K Female Connector	Body	ASTM A276 Grade 316/316L	1/4" Tube End x 1/4" NPT	See 8T153200	See 8T153200	-425F	N/A	ASME B31.3	See 8T153200

FOR ABSA USE ONLY:

Reference Tracking No. _____



UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut

Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: BMT Co., Ltd.	
Manufacturers Address: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
Plant Locations: 35, Sanmakgongdamm 11-gil Yangsan-Si, Gyeongsangnam-do Korea	
<p>Category of Fittings to be registered. Circle one Category only</p> <p><input checked="" type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges: all flanges</p> <p><input type="radio"/> C Valves: all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> , (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>ASME B31.3</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	
<p>Type of Construction</p> <p>Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/></p> <p>Cast <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Describe other:</p> <p>Machined</p>	
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>Drawing # 8T153200, Burst Test Record, Material Test Reports</p> <p>SSMC SAE/MS Male Connector, JSPWC Swivel Male Pipe Weld Connector, IRHB10K Reducing Hex Bushing, SFC10K Female Connector, & SFCB10K Female Connector</p>	

Declaration:

I, Jong Chan, Yoon (see note 3) employed by BMT Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001-HSB as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: JC YOON

Declared before me at SAMSUNG LAW & NOTARY OFFICE INC.

This 14th day of JAN. AD 2020

Commissioner of Oaths

Or Notary Public: (sign) Jang Woon Yeong

(Affix Official seal to the right) JANG WOON YEONG



<p>CRN: <u>0A20497.2</u></p> <p>FID#: <u>15311</u></p> <p>Notes:</p> <ol style="list-style-type: none"> All Fittings shall be registered in the name of the Manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. <p>11/2016</p> <p>CPN EXPIRES FEB. 28, 2030-D.G.</p>	<p>This space for Regulatory Authority use.</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <div style="border: 2px solid black; border-radius: 50%; padding: 10px; text-align: center;"> <p>GOVERNMENT OF YUKON</p> <p>BY <u>[Signature]</u></p> <p>CRN <u>0A20497.2Y</u></p> <p>DATE <u>03/17/2020</u></p> <p>Sect 1.0 - Fittings Rev. 2</p> <p>BOILERS BRANCH</p> </div>
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