Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

KITZ

STATUTORY DECLARATION
Registration of Fittings

I, Norio Hotta, General Manager of R&D Design Dept.
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of KITZ Corporation
(Name of Manufacturer)

Located at Chino Plant, 5125 Kanazawa Chino-Shi, Nagano 391-0012 Japan +81-266-82-0170 +81-266-82-0025
(Plant Address) *(Telephone No.)* *(Fax No.)*

☐ do solemnly declare that the fittings listed hereunder, which are subject to the ***Technical Standards and Safety Act***, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☑ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with MSS SP-80, SP-110,KITZ Standard as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, SAI GLOBAL.

The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows:

Document list,Catalogs,ISO 9001 certificate,Proof testing valves list,Drawing Wall thicness list
(drawings, calculations, test reports, etc.)

Declared before me at _____ **in the** _____ **of** _____

the 17th **day of** June **AD 20**25.

Commissioner for Oaths:

_____
(Printed name)

_____
(Signature)

堀田 昇勇
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the ***Technical Standards and Safety Act***, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category C.

CRN: _____

Registered by: _____

Dated: _____

2025-07010
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C26298.2
See acceptance letter for conditions of registration.
Date: 2026-05-18 By: LILI ZHANG, P. Eng.
DOP: D00010626

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

NOTE: This registration expires on: 2036-05-18

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

PV 09553 (04/17)

2025-07010

SCOPE OF REGISTRTION DATA SHEET

2026/5/8

Approved by	Checked by	Prepared by
		R.Ishitsuka

Product Description			Primary Pressure Retaining Component		Design Standard	Size Range	Design Pressure @ Room Temp (CWP)	MAWP @ Max Temp	MDMT	End Connection	ASME/ASTM Material Specification	Catalog Page No. or Drawing No.	Ref. calcualtion/Proof Test Report					
Code No.	Figure Number	Valve Type	Component	Bonnet Type									C-3 Test Records Sheet No.	C-1 Calculation Sheet No.	Valve Size for Proof Test			
51	AKTK	Ball	Body/Bonnet	1pcs	KITZ	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-5	1/4	1/8	1/4	3/4	2	
62	AK3TM	Ball	Body/Bonnet	3pcs	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV_25	1/4	1/8	1/4	3/4	2	
62M	AK3TMM	Ball	Body/Bonnet	3pcs	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-26						
63	C3TM	Ball	Body/Bonnet	3pcs	MSS SP-110	1/4 – 2	601 psi CWP	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-25						
63M	C3TMM	Ball	Body/Bonnet	3pcs	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-26						
58	AKSZA	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 3	600 psi CWP ※400 psi CWP (21/2 – 3)	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-6 & 7	1/4	1/8, 2/8	1/4	3/4	3	
58W	AKSZAW	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-8						
59	CSZA	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 3	600 psi CWP ※400 psi CWP (21/2 – 3)	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-6 & 7						
59W	CSZAW	Ball	Body/Bonnet	Screw-In	MSS SP-110	3/8 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-8						
68	AKTAF	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-9						
~~68AB~~	~~AKTFB~~	~~Ball~~	~~Body/Bonnet~~	~~Screw-In~~	~~MSS SP-110~~	~~1/2 – 1~~	~~600 psi CWP~~	~~375psi @ 100℉~~	~~-40 ℉~~	~~Thd~~	~~B283 C37700~~	~~BV-23~~						
68AD	AKTFD	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/2 – 1	600 psi CWP	375psi @ 200℉	-40 ℉	Thd	B283 C37700	BV-18						
68ALL	AKTAFLL	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 300℉	-40 ℉	Thd	B283 C37700	BV-11						
68AMLL	AKTFMLL	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 300℉	-40 ℉	Thd	B283 C37700	BV-12						
68AC	AKTFC	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/2, 3/4	600 psi CWP	150psi @ 300℉	-40 ℉	Thd	B283 C37700	925-C60073						
68C	AKTAFC	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/2, 3/4	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-19						
68LL	AKTAFLL	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-20						
68M	AKTAFM	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-10						
68O	AKTAFO	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 1	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-21						
68P	AKTAFP	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	Thd	B283 C37700	BV-16						
~~68PM~~	~~AKTAFPM~~	~~Ball~~	~~Body/Bonnet~~	~~Screw-In~~	~~MSS SP-110~~	~~1/4 – 2~~	~~600 psi CWP~~	~~300psi @ 400℉~~	~~-40 ℉~~	~~Thd~~	~~B283 C37700~~	~~BV-17~~						
68S	AKTAFS	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/4 – 2	200 psi CWP	200psi @ 200℉	0 ℉	Thd	B283 C37700	BV-24						
69	CTAF	Ball	Body/Bonnet	Screw-In	MSS SP-110	3/8 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-9						
69AD	CTFD	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/2 – 1	600 psi CWP	375psi @ 200℉	-40 ℉	CxC	B283 C37700	BV-18						
69ALL	CTAFLL	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/2 – 2	600 psi CWP	150psi @ 300℉	-40 ℉	CxC	B283 C37700	BV-11						
69AMLL	CTAFMLL	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/2 – 2	600 psi CWP	150psi @ 300℉	-40 ℉	CxC	B283 C37700	BV-12						
69C	CTAFC	Ball	Body/Bonnet	Screw-In	MSS SP-110	1/2, 3/4	600 psi CWP	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-19						
69M	CTAFM	Ball	Body/Bonnet	Screw-In	MSS SP-110	3/8 – 2	600 psi CWP	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-10						
69O	CTAFO	Ball	Body/Bonnet	Screw-In	MSS SP-110	3/8 – 1	600 psi CWP	150psi @ 366℉	-40 ℉	CxC	B283 C37700	BV-21						
68U	AKTAFU	Ball	Body/Bonnet	Union	MSS SP-110	1/4 – 2	600 psi CWP	150psi @ 300℉	0℉	Thd	B283 C37700	BV-22			1/4	3/4		
69U	CTAFU	Ball	Body/Bonnet	Union	MSS SP-110	3/8 – 2	600 psi CWP	150psi @ 300℉	0 ℉	CxC	B283 C37700	BV-22						
~~58~~	~~AKSZA~~	~~Ball~~	~~Body/Bonnet~~	~~Screw-In~~	~~MSS SP-110~~	~~4~~	~~400 psi CWP~~	~~150psi @ 366℉~~	~~-40 ℉~~	~~Thd~~	~~B584 C84400~~	~~BV-7~~						
68P	AKTAFP	Ball	Body/Bonnet	Screw-In	MSS SP-110	~~2 1/2 – 4~~ 2 1/2 – 3	400 psi CWP	150psi @ 366℉	-40 ℉	Thd	B584 C84400	BV-16	add-1	add-1a	3			
~~68PM~~	~~AKTAFPM~~	~~Ball~~	~~Body/Bonnet~~	~~Screw-In~~	~~MSS SP-110~~	~~2 1/2 – 4~~	~~400 psi CWP~~	~~300psi @ 400℉~~	~~-40 ℉~~	~~Thd~~	~~B584 C84400~~	~~BV-17~~						
~~69~~	~~CTAF~~	~~Ball~~	~~Body/Bonnet~~	~~Screw-In~~	~~MSS SP-110~~	~~2 1/2 – 3~~	~~400 psi CWP~~	~~150psi @ 366℉~~	~~-40 ℉~~	~~CxC~~	~~B584 C84400~~	~~BV-8~~						
54	AKTN	3-Way Ball	Body/Bonnet	Screw-In	KITZ	2 1/2, 3	400 psi CWP	150psi @ 300℉	-20 ℉	Thd	B584 C84400	BV-27						
55	CTN	3-Way Ball	Body/Bonnet	Screw-In	KITZ	2 1/2, 3	400 psi CWP	150psi @ 300℉	-20 ℉	Thd	B584 C84400	BV-27						
54	AKTN	3-Way Ball	Body/Bonnet	Screw-In	KITZ	1/4, 3/8	400 psi CWP	150psi @ 300℉	-20 ℉	Thd	B283 C37700	BV-27			1/4			
54P	AKTNP	3-Way Ball	Body/Bonnet	Screw-In	KITZ	1/2 – 2	400 psi CWP	150psi @ 300℉	-20 ℉	Thd	B283 C37700	BV-28			1	2		
55	CTN	3-Way Ball	Body/Bonnet	Screw-In	KITZ	1/4, 3/8, 11/4 – 2	400 psi CWP	150psi @ 300℉	-20 ℉	CxC	B283 C37700	BV-27	1/4	1/8, 2/8				
55P	CTNP	3-Way Ball	Body/Bonnet	Screw-In	KITZ	1/2 – 1	400 psi CWP	150psi @ 300℉	-20 ℉	CxC	B283 C37700	BV-28						
04	AKR	Check	Body/Bonnet	Screw-In	MSS SP-80	3/8 – 4	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV-26			3/8	11/4	4	
14	CR	Check	Body/Bonnet	Screw-In	MSS SP-80	3/8 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	CxC	B62	BIV-26		2/8				
29	AK150YR	Y-Check	Body/Bonnet	Screw-In	MSS SP-80	3/8 – 3	200 psi CWP	125psi @ 450℉	-20 ℉	Thd	B62	BIV_30			3/8	11/4	3	
30	C150YR	Y-Check	Body/Bonnet	Screw-In	MSS SP-80	3/8 – 3	200 psi CWP	125psi @ 450℉	-20 ℉	CxC	B62	BIV-30						
19	AK300YR	Y-Check	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 2	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B61	BIV-31			1/2	1	2	
26	CAF	L-Check	Body/Bonnet	Screw-In	KITZ	1/2 – 2	250 psi CWP	175psi @ 176℉	-20 ℉	CxC	B584 C84400	BIV_29						
36	AKAF	L-Check	Body/Bonnet	Screw-In	KITZ	1/2 – 2	250 psi CWP	175psi @ 176℉	-20 ℉	Thd	B584 C84400	BIV-29			1/2	1	2	
22	AKYR	Y-Check	Body/Bonnet	Screw-In	MSS SP-80	1/4 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV-27	2/4	3/8	1/4	11/4	3	
22T	AKYRT	Y-Check	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 2	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV_28						
23	CYR	Y-Check	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	CxC	B62	BIV_27						
23T	CYRT	Y-Check	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 2	200 psi CWP	125psi @ 406℉	-20 ℉	CxC	B62	BIV_28						
24	AK125M	Gate	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV-9			3			
40	AK125E	Gate	Body/Bonnet	Screw-In	MSS SP-80	3/8 – 2	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV-10		3/8, 4/8	3/8	1	2	
41	C125E	Gate	Body/Bonnet	Screw-In	MSS SP-80	3/8 – 2	200 psi CWP	125psi @ 406℉	-20 ℉	CxC	B62	BIV-10						
44	C125M	Gate	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 2	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV-9						
27	AKH	Gate	Body/Bonnet	Screw-Over	KITZ	1/4 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV-7 & 8			1/4	1	2	
28	CH	Gate	Body/Bonnet	Screw-Over	KITZ	3/8 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	CxC	B62	BIV-7 & 8						
27	AKH	Gate	Body/Bonnet	Screw-In	KITZ	4	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B584 C83600	BIV-8		4/8	4			
28	CH	Gate	Body/Bonnet	Screw-In	KITZ	4	200 psi CWP	125psi @ 406℉	-20 ℉	CxC	B584 C83600	BIV-8	3/4					
42T	AK150LUT	Gate	Body/Bonnet	Union	MSS SP-80	1/4 – 2	300 psi CWP	150psi @ 406℉	-20 ℉	Thd	B62	BIV-12			1/4	3/4	2	
43	C150LU	Gate	Body/Bonnet	Union	MSS SP-80	1/2 – 2	300 psi CWP	150psi @ 406℉	-20 ℉	CxC	B62	BIV-12						
45	C150L	Gate	Body/Bonnet	Union	MSS SP-80	1/2 – 2	300 psi CWP	150psi @ 406℉	-20 ℉	CxC	B62	BIV-11						
25	AK150L	Gate	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 3	300 psi CWP	150psi @ 406℉	-20 ℉	Thd	B62	BIV_11			3			
46	AK150E	Gate	Body/Bonnet	Screw-In	MSS SP-80	3/8 – 2	300 psi CWP	150psi @ 406℉	-20 ℉	Thd	B62	BIV-13		5/8	3/8	1	2	
64	C150E	Gate	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 2	300 psi CWP	150psi @ 406℉	-20 ℉	CxC	B62	BIV-13						
37	AK300LU	Gate	Body/Bonnet	Union	MSS SP-80	3/8 – 2	1000 psi CWP	300psi @ 550℉	-20 ℉	Thd	B61	BIV-14	3/4, add-1	5/8, add-1b	3/8	1	2	
07	AKFS	Gate	Body/Bonnet	Screw-In	KITZ	1/4 – 3	200 psi CWP	~~125psi @ 406℉~~ 125psi @ 353℉	-20 ℉	Thd	B283 C37700	BIV-6	3/4	5/8	3/8	3/4	2	3
08	CFS	Gate	Body/Bonnet	Screw-In	KITZ	3/8 – 3	200 psi CWP	~~125psi @ 406℉~~ 125psi @ 353℉	-20 ℉	CxC	B283 C37700	BIV-6						
11	AK125C	Globe	Body/Bonnet	Screw-In	MSS SP-80	1/4 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B62	BIV-18			1/4	11/4	3	
12	C125C	Globe	Body/Bonnet	Screw-In	MSS SP-80	1/2 – 3	200 psi CWP	125psi @ 406℉	-20 ℉	CxC	B62	BIV-18						
09	AK150D	Globe	Body/Bonnet	Union	MSS SP-80	1/4 – 2	300 psi CWP	150psi @ 406℉	-20 ℉	Thd	B62	BIV-20		6/8	1/4	3/4	2	
10	C150D	Globe	Body/Bonnet	Union	MSS SP-80	1/4 – 2	300 psi CWP	150psi @ 406℉	-20 ℉	CxC	B62	BIV-20	4/4					
09	AK150D	Globe	Body/Bonnet	Bolted	MSS SP-80	21/2-3	300 psi CWP	150psi @ 406℉	-20 ℉	Thd	B62	BIV-20			3			
10	C150D	Globe	Body/Bonnet	Bolted	MSS SP-80	21/2-3	300 psi CWP	150psi @ 406℉	-20 ℉	CxC	B62	BIV-20						
17	AK300J	Globe	Body/Bonnet	Union	MSS SP-80	1/4 – 2	600 psi CWP	300psi @ 550℉	-20 ℉	Thd	B61	BIV-22			1/4	3/4	2	
17S	AK300JS	Globe	Body/Bonnet	Union	MSS SP-80	1/2 – 2	600 psi CWP	300psi @ 550℉	-20 ℉	Thd	B61	BIV-23	4/4, add-1	7/8, add-1c				
18	AK300D	Globe	Body/Bonnet	Union	MSS SP-80	1/4 – 2	600 psi CWP	300psi @ 550℉	-20 ℉	Thd	B61	BIV-24						
01	AKA	Globe	Body/Bonnet	Screw-In	KITZ	1/4 – 4	150 psi CWP	100psi @ 406℉	-20 ℉	Thd	B584 C84400	BIV-16			1/4	11/4	4	
03	AKG	Globe	Body/Bonnet	Screw-In	KITZ	1/4	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B584 C84400	BIV-17			1/4			
03	AKG	Globe	Body/Bonnet	Union	KITZ	3/8-3	200 psi CWP	125psi @ 406℉	-20 ℉	Thd	B584 C84400	BIV-17	4/4	7/8	11/4	3		
02	AKC	Globe	Body/Bonnet	Screw-In	KITZ	1/4 – 3	300 psi CWP	150psi @ 406℉	-20 ℉	Thd	B584 C84400	BIV-19						
38	AKCA	Globe	Body/Bonnet	Screw-In	KITZ	1/4 – 3	300 psi CWP	150psi @ 406℉	-20 ℉	Thd	B584 C84400	BIV-21			1/4	11/4	3	

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