the pressure equipment safety authority

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

August 11, 2020

Attention: Scott Islip
ROUND ENGINEERING INC
10 SEGWUN ROAD
WATERDOWN, ON L8B 0K6

The design submission, tracking number 2020-03697, originally received on July 27, 2020 was surveyed and accepted for registration as follows:

CRN : 0C20884.2 **Accepted on:** August 11, 2020

Reg Type: NEW DESIGN **Expiry Date:** August 11, 2030

Drawing No. : SCOPE OF REGISTRATION R-1249 Rev 09-JUL-20

Fitting type: FLOATING BALL VALVE

Design registered in the name of : KPC CORPORATION

Description	MAWP	Design Temperature
SEE SCOPE OF REGISTRATION		

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

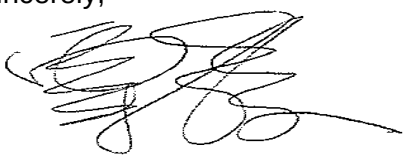
As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3336 or fax (780) 437-7787 or e-mail su@absa.ca.

Sincerely,



SU, YI
DOP Cert. No. D00008398

[별지 제41호서식]

Registered No. 2020 - 471

NOTARIAL CERTIFICATE

KAYA LAW AND NOTARY OFFICE
#1504 (Beomeo-dong, Beomeo Tower) 390,
Dongdaegu-ro, Suseong-gu, Daegu, KOREA

☎ 053)745-0085 FAX: 053)745-0086

210mm×297mm(보존용지(1종) 70g/㎡)

Alberta Municipal Affairs

ABSA
the pressure equipment safety authority

AB-41 2016-01

STATUTORY DECLARATION
Registration of Fittings

KPC CORPORATION
FLOW CONTROL DIVISION

I, JANGHONG AHN (name of applicant), PRESIDENT (position title) (must be in a position of authority)

of KPC CORPORATION (name of manufacturer)

located at 8, Ansim-ro 59-gil, Dong-gu, Daegu, 41081, Republic of 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 (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 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 TUV 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

CATEGORY C - BALL VALVES
(brief description of fittings)

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

DECLARED before me at _____ (city) in the _____ of _____ (province or state)

this 10 th day of June (Month), 2020 (Year)

(print) JANGHONG AHN
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

_____
(signature of applicant)

For ABSA Office Use Only:

NOTES: _____

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

Registration Number: _____

_____
(Signature of the Administrator/SCO)

Date Registered: _____ Expiry Date: _____

2020-03697
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C20884.2
See acceptance letter for conditions of registration.
Date: 2020-08-11 By: YI SU
This form and signature is the equivalent of the proof to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

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.

[별지 제43호서식]

등부 2020 년 제 471 호

Registered No. 2020 - 471

인 증

Notarial Certificate

LEE HYEONGGEUN

위 법정 신고
에 기재된 안장홍
의 대리인 이 형 근 은(는)
본 공증인의 면전에서 위 본인이 기명날인
한 것임을 자인하였다.

2020 년 6 월 11 일

이 사무소에서 위 인증한다.

attorney-in-fact of

AHN JANGHONG.

appeared before a Notary public and admitted said principal's subscription to the attached

STATUTORY DECLARATION

Registration of Fittings

This is hereby attested on this 11th day of JUN. 2020. at this office

KAYA LAW AND NOTARY OFFICE

Belong to Daegu District Prosecutor's Office

#1504 (Beomeo-dong, Beomeo Tower)

390, Dongdaegu-ro, Suseong-gu,

Daegu, KOREA

Attorney-at-Law

공증인가 법무법인 가야종합법률사무소

소 속 대구지방검찰청

대구광역시 수성구 동대구로 390,
1504호(범어동,범어타워)

공증담당변호사 도 낙 희

Do Nak Hee

This office has been authorized by the Minister of Justice, the Republic of Korea, to act as Notary Public since

FEB, 7th . 2020

under Law No. 182

210mm×297mm(보존용지(1종) 70g/㎡)

KPC Corporation
8 ANSIM-RO 59-GIL,
DONG-GU, DAEGU
SOUTH KOREA

KPC CORPORATION
FLOW CONTROL DIVISION

09-Jul-20

SCOPE OF CRN REGISTRATION

Product Description	KPC Series	Main Drawings	Design Code	Size Range	End Connection (Note 4)	Material Specification	MAWP at Temperature (psig) (Note 1,2,3)	MDMT (F) (Note 5)
Floating Ball Valve	2FF	0C0-2FF0-1RF-R-10, 010-2FF-1RF-R-10, 0G0-2FF0-1RF-R-01	ASME B31.3	1/2", 1", 1-1/2"	ASME B16.5 CL.150 Flanged	Titanium ASTM B381-F2 UNS R50400, ASTM B348-2 UNS R50400	205 psig at 100F	-75
							179 psig at 200F	-75
							149 psig at 300F	-75
							127 psig at 400F	-75
							109 psig at 500F	-75
Floating Ball Valve	2FF	0C0-2FF0-4NT-R-01, 0C0-2FF0-4NT-R-02, 0G0-2FF0-4NT-R-01	ASME B31.3	1/2", 1-1/2"	NPT Threaded, Socketweld	Titanium ASTM B381-F2 UNS R50400, ASTM B348-2 UNS R50400	1071 psig at 100F	-75
							934 psig at 200F	-75
							776 psig at 300F	-75
							662 psig at 400F	-75
							570 psig at 500F	-75

Note 1: MAWP = Maximum Allowable Working Pressure

Note 2: In all cases the pressure-temperature ratings of the valves may be limited by the seat and seal materials. Consult literature.

Note 3: Linear interpolation is permitted for intermediate temperatures.

Note 4: In all cases the pressure-temperature ratings of a flanged valve are limited by the pressure-temperature ratings of the flange.

Note 5: Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.

2020-03697
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C20884.2
See acceptance letter for conditions of registration.
Date: 2020-08-11 By:
YI SU

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.