

October 25, 2021

Attention: Ragavan Kannan
SCORE ENERGY PRODUCTS INC
9821-41 AVENUE
EDMONTON, AB T6E 0A2

The design submission, tracking number 2021-05271, originally received on September 29, 2021 was surveyed and accepted for registration as follows:

CRN : 0C00765.2

Accepted on: October 25, 2021

Reg Type: RENEWAL

Expiry Date: October 25, 2031

Drawing No. : Table 1 Scope of Fitting Designs As Noted

Fitting type: Butterfly Valves

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

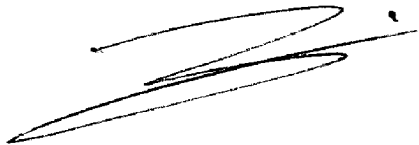
As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.3, B16.34 and other engineering analysis.

- 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 3306 or fax (780) 437-7787 or e-mail Wangi@absa.ca.

Sincerely,



WANG, IAN, P. Eng.
DOP Cert. No. D00009643

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

I, Don Kolybaba, President and General Manager
(name of applicant) (position title) (must be in a position of authority)
of Score Energy Products Inc.
(name of manufacturer)



located at 9821 - 41 Avenue NW, Edmonton, Alberta, Canada T6E 0A2
(plant address)

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

- ☒ comply with the requirements of ASME B16.34, ASME B31.3, API 609 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 _____ as supported by the
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings
and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.


Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Butterfly Valves of material and sizes listed below; with or without steam jackets or bonnet extensions	Alberta Quality Program (AQP)	Reg. No. #: AQP-5044 Category C fittings	July 16, 2023	ABSA	Score Energy Products Inc. 9821 - 41 Avenue NW, Edmonton, Alberta, Canada T6E 0A2

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

Tricentric BD and Classic Series catalogues, drawings, charts showing wall thickness, and pressure rating per ASME B16.34 and per non ASME B16.34 listed materials provided in Table 1: Scope of Fitting Design


(Signature of the Declarer)

September 29, 2021
(Date)

DECLARED before me at EDMONTON in the PROVINCE of ALBERTA
(city) (province, territory, or state)

this 29th day of SEPTEMBER 2021
(Month) (Year)

(print) CLAUDIA MACHUCA
(a Commissioner of Oaths or Notary Public)

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

01/10/23
(expiry date (mm/dd/yy))

CLAUDIA M. MACHUCA
A COMMISSIONER FOR OATHS
IN AND FOR THE
PROVINCE OF ALBERTA
EXPIRES: 01/10/23

Commissioner of Oaths / Notary Public in and for: ALBERTA
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____


<p>To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____</p> <p>CRN: _____</p> <p>Registered Date: _____</p> <p>Expiry Date: <u>Oct 25, 2031</u></p> <p>Signature: _____ (Signature of the Administrator/SCO)</p> <p>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</p>	<p>2021-05271</p> <p>ABSA</p> <p>SAFETY CODES ACT - PROVINCE OF ALBERTA</p> <p>ACCEPTED: 0C00765.2</p> <p>See acceptance letter for conditions of registration.</p> <p>Date: 2021-10-25 By: </p> <p>IAN WANG, P. Eng DOP: D00009643</p> <p>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.</p>
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Table 1 Scope of Fitting Designs for CRN 0C00765.2

Type of Fittings, Catalogues Standard of Construction	Butterfly valves – BD and Classic Series catalogues – ASME B16.34 - 2020, API 609 – 9 th edition 2021, ASME B31.3 - 2018	
Sizes	NPS 3" to 60" per ASME B16.34 – 2020, API 609 – 9 th edition 2021, ASME B31.3 – 2018 NPS > 60" to 96" – Score Valves Proprietary Design per ASME B31.3 – 2018, Table 2 Body wall thickness	
Material Specifications	ASTM Specifications	Pressure - Temperature ratings
	A105, A350 LF2, A350 LF3, A350 LF6 Cl. 1, A350 LF6 Cl. 2, A350 LF1, A182 F1, A182 F2, A182 F11 Cl. 2, A182 F22 Cl. 3, A182 F21, A182 F5a, A182 F9, A182 F91 Type 1, A182 F12 Cl. 2, A182 F5, A182 F92, A216 WCB, A352 LC2, A352 LC3, A216 WCC, A352 LCC, A352 LCB, A217 WC1, A352 LC1, A217 WC4, A217 WC5, A217 WC6, A217 WC9, A217 C5, A217 C12, A217 C12A, A515 70, A516 70, A537 Cl. 1, A203 B, A203 E, A515 65, A203 A, A203 D, A516 65, A515 60, A516 60, A204 A, A204 B, A387 2 Cl. 1, A387 2 Cl. 2, A387 12 Cl. 2, A387 11 Cl. 1, A387 22 Cl. 1, A387 11 Cl. 2, A387 22 Cl. 2, A387 21 Cl. 2, A302 A, A302 B, A302 C, A302 D, A537 CL2, A204 C, A387 5 Cl. 1, A387 5 Cl. 2, A387 91 Cl. 2, A387 12 Cl. 1, A696 C, A675 70, A675 60, A675 65, A696 B, A739 B11, A739 B22, A182 F91, A672 C 70, A672 B 70, A106 C, A672 B 65, A672 C 65, A106 B, A672 B 60, A672 C 60, A691 CM-70, A691 ½CR, A691 CM-75, A691 1¼CR, A691 2¼CR, A335 P22, A369 FP22, A691 5CR, A335 P5, A369 FP5, A335 P5b, A335 P91, A335 P1, A369 FP1, A691 1CR, A335 P12, A369 FP12, A335 P11, A369 FP11, A335 P92, A369 FP92, A182 F304, A182 F304H, A182 F316, A182 F316H, A182 F317, A182 F304L, A182 F316L, A182 F317L, A182 F321, A182 F321H, A182 F347, A182 F347H, A182 F348, A182 F348H, A182 F310H, A182 F44, A182 F51, A182 F53, A182 F55, A351 CF3, A351 CF8, A351 CF10, A351 CF3M, A351 CF8M, A351 CF10M, A351 CF3A, A351 CF8A, A351 CG8M, A351 CG3M, A351 CK3MCuN, A995 CD3MN, A995 CE8MN, A995 CD4MCuN, A995 CD3MWCuN, A351 CH8, A351 CH20, A351 CF8C, A351 CK20, A240 304, A240 304H, A240 316, A240 316H, A240 317, A240 304L, A240 316L, A240 321, A240 321H, A240 347, A240 347H, A240 348, A240 348H, A240 309H, A240 310H, A240 S31254, A240 S31803, A240 S32750, A240 S32760, A240 309S, A240 310S, A479 304, A479 304H, A479 316, A479 316H, A479 304L, A479 316L, A479 321, A479 321H, A479 347, A479 347H, A479 348, A479 348H, A479 310H, A479 S31254, A479 S31803, A479 S32750, A479 S32760, A479 310S, A312 TP304, A312 TP304H, A358 304, A376 TP304, A376 TP304H, A430 FP304, A430 FP304H, A312 TP316, A312 TP316H, A358 316, A376 TP316, A376 TP316H, A430 FP316, A430 FP316H, A312 TP317, A312 TP304L, A312 TP316L, A312 TP321, A312 TP321H, A358 321, A376 TP321, A376 TP321H, A430 FP321, A430 FP321H, A312 TP347, A312 TP347H, A312 TP348, A312 TP348H, A358 TP347, A376 TP347, A376 TP347H, A376 TP348, A376 TP348H, A430 FP347, A430 FP347H, A312 TP309H, A358 309H, A312 TP310H, A358 310H,	Classes 150, 300, 600, 900, 1500 ANSI: per ASME B16.34 – 2020 Group 1, 2, 3 & 4 materials; per ASME B31.3 – 2018; per API 609 – 9 th edition 2021


2021-05271

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0C00765.2

See acceptance letter for conditions of registration.

Date: 2021-10-25 By: 

IAN WANG, P. Eng.
DOP: D00009643

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.

Material Specifications (continued)	A312 S31254, A358 S31254, A789 S31803, A790 S31803, A789 S32750, A790 S32750, A790 S32760, B462 N08020, B564 N02200, B564 N04400, B564 N06600, B564 N08800, B462 N10665, B564 N10665, B462 N10675, B564 N10675, B462 N10276, B564 N10276, B564 N06625, B564 N08825, B462 N06022, B564 N06022, B462 N06200, B564 N06200, B462 N08367, B462 N06035, B564 N06035, B564 N08031, B462 N06030, B564 N08810, B564 N06230, A494 M-35-1, A494 M-35-2, A351 CN3MN, A494 N-12MV, A494 CW-12MW, A351 CN7M, B463 N08020, B162 N02200, B162 N02201, B127 N04400, B168 N06600, B409 N08800, B333 N10665, B333 N10675, B575 N10276, B443 N06625, B333 N10001, B434 N10003, B575 N06455, B424 N08825, B575 N06022, B575 N06200, B435 N06002, B435 R30556, B599 N08700, B625 N08904, B620 N08320, B582 N06985, B688 N08367, B575 N06035, B582 N06975, B625 N08031, B582 N06007, B582 N06030, B409 N08810, B536 N08330, B435 N06230, B473 N08020, B160 N02200, B160 N02201, B164 N04400, B164 N04405, B166 N06600, B408 N08800, B335 N10665, B335 N10675, B574 N10276, B446 N06625, B335 N10001, B573 N10003, B574 N06455, B425 N08825, B574 N06022, B574 N06200, B572 N06002, B572 R30556, B672 N08700, B649 N08904, B621 N08320, B581 N06985, B691 N08367, B574 B06035, B581 N06975, B649 N08031, B581 N06007, B581 N06030, B408 N08810, B511 N08330, B572 N06230, B464 N08020, B468 N08020, B161 N02200, B163 N02200, B165 N04400, B163 N04400, B163 N06600, B163 N08800, B622 N10665, B622 N10675, B622 N10276, B622 N10001, B622 N06455, B423 N08825, B622 N06022, B622 N06200, B622 N06002, B622 R30556, B677 N08904, B622 N08320, B622 N06985, B622 N06035, B622 N06975, B622 N08031, B622 N06007, B622 N06030, B407 N08810, B535 N08330, B167 N06600, B622 N06230, A193, A307B, A320, A354, A449, A453 651, A453 660, A540, A564 630, B164, B166, B335 N10665, B335 N10675, B408, B473, B574 N10276, B574 N06022, B637 N07718 per ASME B16.34 – 2020 Tabel 1 all listed Group 1, 2, 3 & 4 materials	Classes 150, 300, 600, 900, 1500 ANSI: per ASME B16.34 – 2020 Group 1, 2, 3 & 4 materials; per ASME B31.3 – 2018; per API 609 – 9 th edition 2021
	A890 5A, A494 CX2MW, A494 M30-C, A494 CY40, A494 CZ100, A494 CW6MC, B148 C95500, B367 C2, B367 C3, B381 F2, B381 F3	Score Valves proprietary design per ASME B16 CODE CASE 2, B16.34 – 2020, B31.3 – 2018, Table 3 Special Non ASME B16.34 Materials
Valve Ends	Wafer Type (per API 609 – 9 th edition, ASME B16.5 - 2020 & B16.47 - 2020) Lug Type (per API 609 – 9 th edition, ASME B16.5 - 2020 & B16.47 - 2020) Flanged Type (per API 609 – 9 th edition, ASME B16.5 - 2020 & B16.47 - 2020) Butt weld (per API 609 – 9 th edition)	
Valve Options	Steam Jacket (Score Valves proprietary design per ASME B16.34 – 2020, B31.3 – 2018, ASME Section VIII Division 1 - 2021, Table 4 Steam jacket wall thickness) Bonnet Extension (per ASME B16.34 - 2020)	

Revision A: Separated Sizes from Pressure classes row, added separate line for “Special materials” and added “Valve Options” row (Oct 18, 2021 – KSR)

Revision B: Corrected ASME B31.3 specification typo error in “Valve Options” row and typo error in revision A notes to mimic ABSA approval (Oct 26, 2021 – KSR)

Tracking #: 2021-05271