

REGISTRATION OF A PRESSURE FITTING DESIGN

09-Feb-22

Endeavour Projects Ltd
Suite 604, 7620 Elbow Drive SW
Calgary, Alberta
T2V 1K2

Attention: Ben Klepacki

File Number: 12917 [0 F]

Re: Manufacturer: Oasis Engineering Ltd
Item: 700 Series Ball Valves
Catalog or Drawing: See scope of registration

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:

0C12117.23 Expiry Date: November 18, 2031

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,



Williams Uju, P.Eng.
Codes and Standards Compliance

Remarks:

CRN registered conditional upon compliance with the notes on the original registration.

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Andrew Alexander Cameron
Managing Director

(company title, e.g. vice president, plant manager, chief engineer)
 (must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Oasis Engineering Ltd
 (name of manufacturer)



located at: 129 Birch Avenue, Tauranga, New Zealand 3110
 (Plant Address – Apt/Street) (City, Prov) (Postal Code)

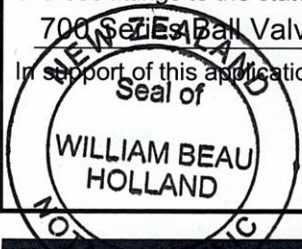
do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Act** (check one)

- Comply with the requirements of _____ 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 attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, Telarc SAI Limited as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are 700 Series Ball Valves

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

- ASME B31.1 Calculations
- FEA Report
- Thread strength calculations



II. Declaration

DECLARED before me at Tauranga In the country of New Zealand
 this 20th day of December 2021
William Beau Holland Notary Public (Signature)
 (print name) Tauranga
 (Signature of Commissioner of Oaths) New Zealand

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____

(Registration Number)

(Date Registered – MM DD YYYY)

(Expiry Date – MM DD YYYY)



Technical Safety Authority of Saskatchewan
 Registration No. 0C12117.23
 File No. 12917
 Registered
 Date: February 09, 2022
 Expiry Date: November 18, 2031
 Codes & Standards Compliance Office

SCOPE OF REGISTRATION

Product Description & Catalog/Brochure/Data-Sheet No.

Product Model or Series	ASME/ANSI Design Standard	Size or Size Range	Std. Pressure Class or MAWP @ Max. Temperature	Actual Wall Thickness vs. Min. Required (If no Proof test report)	Ref. Calculation No. or Proof Test Report	ASME/ASTM Material Specification
BV702	Proprietary standard supported by FEA and calculations	1/4"	6000 psig @ 85C	See reference FEA (multiple thicknesses)	Attached FEA	304/316 Stainless Steel
BV703	Proprietary standard supported by FEA and calculations	3/8"	6000 psig @ 85C	See reference calculations (multiple thicknesses)	Attached Calculations	304/316 Stainless Steel
BV704	Proprietary standard supported by FEA and calculations	1/2"	6000 psig @ 85C	See reference calculations (multiple thicknesses)	Attached Calculations	304/316 Stainless Steel
BV706	Proprietary standard supported by FEA and calculations	3/4"	6000 psig @ 85C	See reference FEA (multiple thicknesses)	Attached FEA	304/316 Stainless Steel
BV708	Proprietary standard supported by FEA and calculations	1"	6000 psig @ 85C	See reference calculations (multiple thicknesses)	Attached Calculations	304/316 Stainless Steel
BV712	Proprietary standard supported by FEA and calculations	1 1/2"	6000 psig @ 85C	See reference calculations (multiple thicknesses)	Attached Calculations	304/316 Stainless Steel



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