

February 06, 2024

**Attention:** Jeff Kerr  
IMI CRITICAL ENGR PBM LLC  
1070 SANDY HILL ROAD  
IRWIN, PA 15642

The design submission, Tracking Number 2023-07609, originally received on December 14, 2023 was surveyed and accepted for registration as follows:

**CRN :** 0C23838.2 **Accepted on:** February 06, 2024  
**Reg Type:** NEW DESIGN **Expiry Date:** February 06, 2034  
**Drawing No. :** Scope of Reg.: ABSA-SCOPE-21 Rev 0 & ABSA-SCOPE-ATT-21 Rev 0  
**Fitting type:** Transmitter Isolation Valves (1" & 2-1/2" CL150)

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

- As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are B16.34, ASME B31.3 and ASME B31.1.
- Materials of construction limited to Materials listed in ASME B16.34, Table 1, Group 2 only and must satisfy ASME Section VIII Div. 1, UG-101(d)(1)(-b)(-2)(+a) & (+b) requirements.
- 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 or AB-351 Declaration of Conformity 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, 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 3356 or fax (780) 437-7787 or e-mail [Habteyes@absa.ca](mailto:Habteyes@absa.ca).

Sincerely,



HABTEYES, KASSA, P. Eng.  
DOP Cert. No. D00009639

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

I, Jeffrey D. Kerr, Manager of Engineering  
(name of applicant) (position title) (must be in a position of authority)  
of IMI Critical Engr PBM LLC  
(name of manufacturer)  
located at 1070 Sandy Hill Road, Irwin, PA 15642  
(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 B31.1, ASME B31.3, ASME B16.34 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.     | Transmitter Isolation Valves         | ISO 9001: 2015  | Design and Manufacture of Valves | 30 April 2026 | Lloyd's Register Quality Assurance | IMI PBM<br>1070 Sandy Hill Road,<br>Irwin, PA 15642<br>USA |
| 2.     |                                      |                 |                                  |               |                                    |  |

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

Scope, RP-03212-1, Sample Drawings, IMI PBM\_PB-TI\_2022

[Signature] (Signature of the Declarer)

12-14-2023 (Date)

DECLARED before me at IRWIN in the State of PA (city) (province, territory, or state)

this 14 day of DEC, 2023 (Month) (Year)

(print) Patricia Johnson (a Commissioner of Oaths or Notary Public)

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

9/28/2026 (expiry date (mm/dd/yy))

Commonwealth of Pennsylvania - Notary Seal Patricia Johnson, Notary Public Westmoreland County My commission expires September 28, 2026 Commission number 1127336 Member, Pennsylvania Association of Notaries

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

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, Part 1, Clause 4.2, and is accepted for registration in Category

CRN:

Registered Date:

Expiry Date: February 06, 2034

Signature: (Signature of the Administrator/SCO)

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

2023-07609 ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: OC23838 2 See acceptance letter for conditions of registration. Date: 2024-02-06 By: KASSA HABTEYES, P. Eng. DOP: D00009639

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

**Table 1\*\* Scope of Fitting Designs**

| Item # | Primary Pressure Bearing / Retaining Component | Material of Construction | Port Connections and Size Range | MDMT | Rated Pressure         |                        | Pressure Class(es) / Schedule(s) | Design Code(s) of Construction | Reference Catalogue (pages) or Drawing(s) |
|--------|--|--------------------------|---------------------------------|------|------------------------|------------------------|----------------------------------|--------------------------------|---|
|        |  |                          |                                 |      | At Ambient Temperature | At Maximum Temperature |                                  |                                |   |
|        |  |                          |                                 |      |                        |                        |                                  |                                |   |
|        |  |                          |                                 |      |                        |                        |                                  |                                |   |
|        |  |                          |                                 |      |                        |                        |                                  |                                |   |

**Table 2 Additional Scope Information**

|   |
|---|
| List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.) |
| Example:<br>Series X Options  |
|   |

\*\* For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

**CRN Application**

Product Coverage

Design Standard: ASME B31.1, B31.3, B16.34

Materials of construction: all materials listed in ASME B16.34, Table 1, Groups 1, 2, and 3.

Bolting materials: all materials covered by ASME B16.34, Table 1, Group 4.

| Product | Sizes  | Materials of construction (burst test samples) | CWP (psi) | MAWP (psi) | Burst Pressure (psi)  | F.S. |
|---------|--------|--|-----------|------------|-----------------------|------|
| TI      | 1"     | ASTM A351, CF8M / A351, CF3M                   | 275       | 180        | <del>1,800</del> 3000 | 6.5  |
| TI      | 2-1/2" | ASTM A351, CF8M / A351, CF3M                   | 275       | 180        | <del>1,700</del> 2800 | 6.2  |

*K.A.*

CWP = Cold Working Pressure (-20°F to 100°F)

MAWP = Maximum Allowable Working Pressure (@ 450°F)


CWP and MAWP for other materials of construction: in accordance with ASME B16.34 P/T ratings for specified material group.

| Rev # | Name              | Date       | Description     | Authorization |
|-------|-------------------|------------|-----------------|---------------|
| 0     | ABSA-SCOPE-ATT-21 | 12/12/2023 | Initial Release | Jeff Kerr     |



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## IMI PBM Transmitter Isolation Valve Product Scope for ABSA

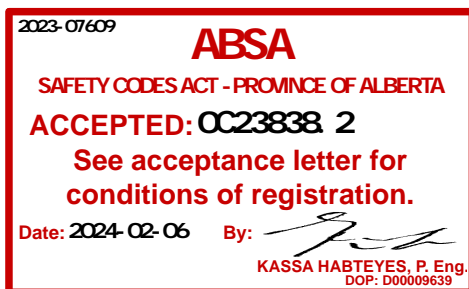
|                                   |   |
|-----------------------------------|---|
| Manufacturer:                     | IMI PBM   |
| Address:                          | 1070 Sandy Hill Road, Irwin, PA 15642   |
| Trademark:                        |  |
| Standards of Construction:        | ASME B16.34<br>ASME B31.1<br>ASME B31.3   |
| Product Type:                     | Ball Valves   |
| Materials of Construction:        | Materials listed in ASME B16.34 Table 1, <del>Groups 1, 2, and 3</del> *          |
| Valve end connections:            | Flange  |
| Pressure Classes and Size Ranges: | 1" and 2-1/2"<br>Class 150  |
| Temperature Ranges:               | Temperatures per ASME B31.3 and/or ASME B31.1 and/or ASME B16.34                  |

Yours Very Truly,

Jeffrey D. Kerr,  
Manager of Engineering  
IMI PBM

| Rev # | Name          | Date       | Description     | Authorization |
|-------|---------------|------------|-----------------|---------------|
| 0     | ABSA-SCOPE-21 | 12/12/2023 | Initial Release | Jeff Kerr     |

\* ASME B16.34 Table 1 Group 2 materials only *K.H.*



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