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www.tssa.org

February 12, 2019

TODD PAUL
BADGER METER INC
4545 W BROWN DEER RD
MILWAUKEE WI 53223
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 2487138
Your Reference No.:
Registered to: BADGER METER INC

Dear TODD PAUL,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C21098.5
Main Design No.: HP-10 RCV-DS-01043-EN, HP-60 RCV-00573-EN
Expiry Date: 12-Feb-2029

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

See one sheet of attachment to Statutory Declaration for Scope of registration.

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Kaivan Kia P. Eng., PMP
Mechanical Engineer, BPV
Tel. : 416-734-3457
Fax : 416-231-6183
Email : kkia@tssa.org



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4



Badger Meter

STATUTORY DECLARATION

Registration of Fittings

I, Gary Bowden Manager- Quality Assurance
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Badger Meter Inc. Tulsa Division
(Name of Manufacturer)

Located at 6166 E. 15th Street, Tulsa, OK 74112 USA 918-831-0235
(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 ASME B31.3 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 9001:2015 which has been verified by the following authority, DQS Inc.

The items covered by this declaration, for which I seek registration, are category C (valves) type fittings. In support of this application, the following information and/or test data are attached as follows:
HP-10 RCV-DS-01043-EN-01 catalogue; HP-60 RCV-DS-00573-EN-02 catalogue; Scope of registration summary SOR-BM-HP-REV0

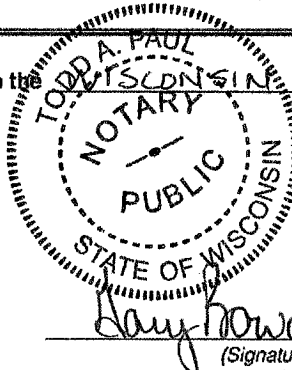
Declared before me at IRAGUI in the STATE OF WISCONSIN of USA

the 16 day of NOVEMBER AD 2018

Commissioner for Oaths:

TODD A. PAUL
(Printed name)

Todd A Paul
(Signature)



1.D. # 206323
EXP. SEPT 19, 2022

Gary Bowden
(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: OC21098.5

Registered by: K Kia

Dated: Feb 12/19

NOTE: This registration expires on Feb 12/2029

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

CRN: OC21098.5

Signed: K Kia

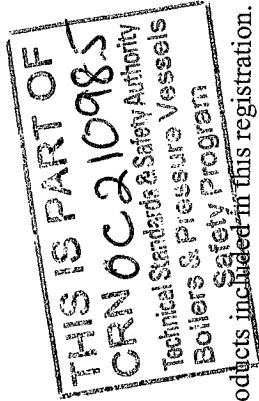
Date: Feb 12/19

- See 1 sheet of attachment for scope.

- Correct address is 6116 E, 15th street. KK 2/12/19



Badger Meter
8635 Washington Ave.
Racine, WI 53406-1580



2.1 Scope of Registration

Table 2.1a below indicates the range of products included in this registration.

Table 2.1a Badger Meter Scope of Registration- ASME B31.3 (SOR-BM-HP-Rev0)

Valve	Size	Material		MAWP at Ambient Temperature- 100°F (psi)	Design Temperature °F	MAWP at Design Temperature (psi)
		Body	Bonnet/Adopter			
HP-10, Angle Body	1/4" NPT	INCOLOY ASTM B408 N08811 - 316/316L ASTM A479 S31600/S31603	ASTM B164 N04400	10,000	900	4,790
			ASTM B574 N10276 -		1000	6,228
			ASTM A479 S31600/S31603			
HP-10, Globe Body	1/4" NPT	HAST-C ASTM B574 N10276 - MONEL ASTM B164 N04400 - 316/316L ASTM A479 S31600/S31603	ASTM B164 N04400	10,000	900	4,790
			ASTM B574 N10276 ASTM A479 S31600/S31603		1000	6,228
HP-10, Angle Body	1/2" NPT	316/316L ASTM A479 S31600/S31603	ASTM B164 N04400	10,000	900	4,790
			ASTM A479 S31600/S31603		1000	6,228
HP-10, Globe Body	1/2" NPT	MONEL ASTM B164 N04400- INCOLOY ASTM B408 N08811 316/316L ASTM A479 S31600/S31603 HAST-C ASTM B574 N10276	ASTM B164 N04400	10,000	900	4,790
			ASTM A479 S31600/S31603		1000	6,228
			ASTM A479 S31600/S31603			
HP-60	1/4" NPS	17-4 PH ASTM A564 type 630 S17400	ASTM A564 S17400	60,000	650	55,803
			ASTM A304 S304			
			ASTM A479 S31600/S31603			