



345 Carlingview Drive
Toronto, Ontario
CANADA M9W 6N9
Tel.: 416.734.3300
Fax.: 416.231.1626
Toll Free: 1.877.682.8772
www.tssa.org

May 03, 2018

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CA

Service Request Type.: BPV-National MB
Service Request No.: 2233936
Your Reference No.: R-0764 tee and r-0764 lat
Registered to.: BAUM KUNSTSTOFFE GMBH

Dear SCOTT ISLIP,

Please find enclosed the original response from MB, registered under the CRN No.: 0A18088.24.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



Inspection and Technical Services Manitoba
508 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes_steam_pressure.html

April 5, 2018

TSSA
345 Carlingview Drive
Toronto, ON
M9W 6N9

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: BAUM KUNSTSTOFFE GMBH

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
BAUM CLASS 150 TEES & LATERIALS - PLASTIC LINED	0A18088.24	38688

An invoice covering survey and registration fees is enclosed.

NOTES:

- 1. CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: ABSA. This registration expires November 1, 2027.*

This registration is valid until the indicated expiry date 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.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Regards,

Ryan Orlesky, C.E.T.
Design Surveyor
Office of the Fire Commissioner
Inspection and Technical Services Manitoba
508 - 401 York Avenue
Winnipeg, Manitoba, R3C 0P8
Phone: 204-945-3373
Email: ryan.orlesky@gov.mb.ca



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

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



BAUM AMERICA CORP.

STATUTORY DECLARATION

Registration of Fittings

I, FRANK ESCHER, VICE PRESIDENT

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of BAUM AMERICA CORP.

(Name of Manufacturer)

Located at 3PPSI Circle, Charleston, WV, 25312, USA

(Plant Address)

49(0)7082/9436-0

(Telephone No.)

49(0)7082/9436-40

(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 ASME B31.3

(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 _____ 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:9001:2008 which has been verified by the following authority, SMITHERS.

The items covered by this declaration, for which I seek registration, are category CATEGORY H type fittings. In support of this application, the following information and/or test data are attached as follows:

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS, WORLDWIDE LOCATIONS APPENDIX

(drawings, calculations, test reports, etc.)

Declared before me at 75175 Ronkeim in the County of Baden
the 30 day of May AD 2017. Westerberg

Commissioner for Oaths:

van Ehr

(Printed name)

van Eus

(Signature)

[Signature]

(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 A.

CRN: _____

Registered by: _____

Dated: _____

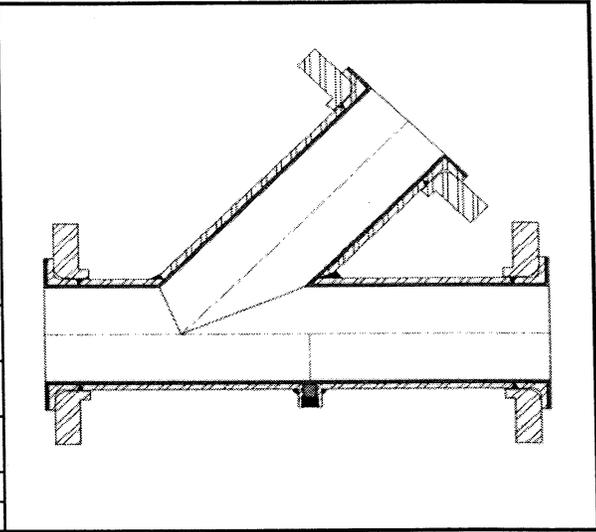
NOTE: This registration expires on Nov 1, 2027



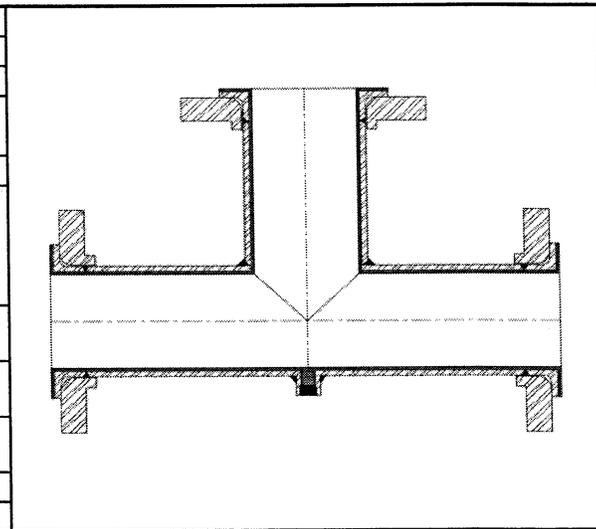


SCOPE OF CRN REGISTRATION

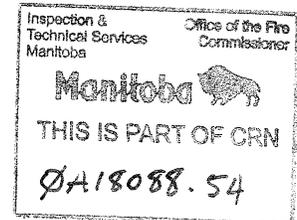
Product Description:	CL. 150 45 Degree Lateral - Plastic Lined
Lining:	PP, PFA, PTFE, PVDF, ETFE and others
Design Standard:	ASME B31.3, ASME VIII-1, ASTM F1545-15a
Size Range NPS:	1"x1", 1-1/2"x1-1/2", 2"x2", 3"x3", 4"x4", 6"x6", 8"x8"
End Connections:	ASME B16.5 CL 150 (Note 1,2)
Material Specifications:	ASTM A105, A53, A106-B, A587 A234-WPB, A516-60, A182-304, A182-316, A312-304, A312-316, A403-304, A403-316
Carbon Steel Pressure Rating:	285 psig at 100F, 170 psig at 500F (Note 3)
304 S.Steel Pressure Rating:	275 psig at 100F, 170 psig at 500F (Note 4)
316 S.Steel Pressure Rating:	275 psig at 100F, 170 psig at 500F (Note 5)
MDMT:	-20F
Design Report No.:	R-0764-LAT

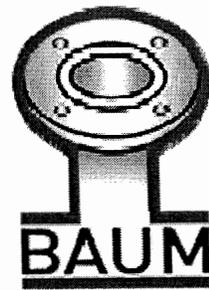


Product Description:	CL. 150 Tee - Plastic Lined
Lining:	PP, PFA, PTFE, PVDF, ETFE and others
Design Standard:	ASME B31.3, ASME VIII-1, ASTM F1545-15a
Size Range NPS:	6"x1", 6"x1-1/2", 6"x2", 6"x3", 6"x4", 6"x6" 8"x1", 8"x1-1/2", 8"x2", 8"x3", 8"x4", 8"x6", 8"x8"
End Connections:	ASME B16.5 CL 150 (Note 1,2)
Material Specifications:	ASTM A105, A53, A106-B, A587 A234-WPB, A516-60, A182-304, A182-316, A312-304, A312-316, A403-304, A403-316
Carbon Steel Pressure Rating:	285 psig at 100F, 170 psig at 500F (Note 3)
304 S.Steel Pressure Rating:	275 psig at 100F, 170 psig at 500F (Note 4)
316 S.Steel Pressure Rating:	275 psig at 100F, 170 psig at 500F (Note 5)
MDMT:	-20F
Design Report No.:	R-0764-TEE



- Note 1:** ASME B16.5 lap joint, slip-on or weldneck flanges may be used.
- Note 2:** Flanges with a pressure class greater than class 150 Lb. may be used but in all cases the pressure-temperature ratings are limited to Class 150 Lb. ASME B16.5 pressure-temperature ratings.
- Note 3:** Pressure Temperature ratings in accordance with ASME B16.5 Table 1.1 Cl. 150.
- Note 4:** Pressure Temperature ratings in accordance with ASME B16.5 Table 2.1 Cl. 150.
- Note 5:** Pressure Temperature ratings in accordance with ASME B16.5 Table 2.2 Cl. 150.
- Note 6:** See Attached List of Manufacturing locations applicable to this CRN.





WORLDWIDE LOCATIONS APPENDIX

**BAUM MANUFACTURING LOCATIONS
& CERTIFYING AUTHORITIES**

(rev. May 26, 2017)

BAUM KUNSTSTOFFE GmbH
Gewerbestraße 25-29
75217 Birkenfeld
Germany
ISO 9001:2008 Certified by TUV

BAUM AMERICA CORP.
3PPSI Circle
Charleston, WV
25312, USA
ISO 9001:2008 Certified by SMITHERS QUALITY ASSESSMENTS