

November 01, 2017

Attention: Scott Islip
ROUND ENGINEERING INC
10 SEGWUN ROAD
WATERDOWN, ON L8B 0K6

Email: scott.islip@roundeng.com

The design submission, tracking number 2017-06620, originally received on October 20, 2017 was surveyed and accepted for registration as follows:

CRN : 0A18088.2 **Accepted on:** November 01, 2017
Reg Type: NEW DESIGN **Expiry Date:** November 01, 2027
Drawing No. : DESIGN REPORT R-0764-LAT, R-0764-TEE
Fitting type: CLASS 150 TEES AND LATERALS
Design registered in the name of : BAUM KUNSTSTOFFE GMBH

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 and other engineering analysis.

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.

Enclosed are stamped prints for your reference.

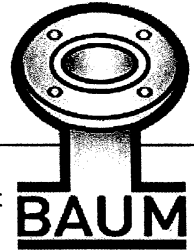
Sincerely,



RADISAVLJEVIC, ZANA, P. Tech. (Eng.)
DOP Cert. No. D00003136

STATUTORY DECLARATION Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



I, FRANK ESCHER, SALES DIRECTOR (name of applicant) (position title) of BAUM KUNSTSTOFFE GmbH (name of manufacturer) located at GewerbestraBe 25-29, 75217 Birkenfeld, Germany (plant address)

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

- comply with the requirements of ASME B31.3 which specifies the dimensions, 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 attached (title of code of construction or other applicable document)

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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2008 - TUV as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

CATEGORY H (brief description of fittings)

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

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

DECLARED before me at Sins Pforzheim in the country of Baden-Wuerttemberg (city) (province or state) this 10 day of October, 2017 (Month) (Year)

(print) von Ehr (a Commissioner of Oaths or Notary Public)

(sign) [Signature] (a Commissioner of Oaths or Notary Public)

[Signature] (signature of applicant)

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, Clause 4.2, and is accepted for registration in Category A

Registration Number: 0A18088.2 (Signature of the Administrator/SCO) F. J. HADISAVLJEVIC

Date Registered: NOV 01 2017 Expiry Date: Nov 1, 2027

Certification of signature

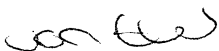
I, the undersigned notary public, hereby certify the signature of

Mr. Frank-Oliver Escher, born on 11.05.1964
havin his residence at Höhenstr. 1, 87733 Markt Rettenbach, Germany

Mr. Frank-Oliver Escher has identified himself by presenting his German identity card.

The question as to whether this is a cas of sec. 3 para. 1 no 7 of the German Notariza-
tion Law (BeurkG) was answered in the negative.

Pforzheim, 10 October 2017
Notariat 2 Pforzheim



von Ehr, Notarvertreterin
Notary Public

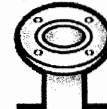


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STATUTORY DECLARATION Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



BAUM AMERICA CORP.

I, FRANK ESCHER, VICE PRESIDENT of BAUM AMERICA CORP.

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

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

- comply with the requirements of ASME B31.3 which specifies the dimensions, 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2008 - SMITHERS as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

CATEGORY H (brief description of fittings)

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

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

DECLARED before me at 7575 Pfalzheim in the country of Baden-Wuerttemberg this 10 day of October, 2017

(print) von Ehr (a Commissioner of Oaths or Notary Public) (sign) von Ehr (a Commissioner of Oaths or Notary Public)

Frank Escher (signature of applicant)

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, Clause 4.2, and is accepted for registration in Category A

Registration Number: 0A18088.2 (Signature of the Administrator/SCO) Jovan K. HADISAVLJEVIC

Date Registered: NOV 01 2017 Expiry Date: Nov 1, 2017

Certification of signature

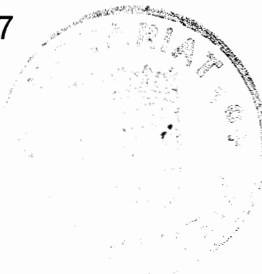
I, the undersigned notary public, hereby certify the signature of

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Pforzheim, 10 October 2017
Notariat 2 Pforzheim



von Ehr
von Ehr, Notarvertreterin
Notary Public

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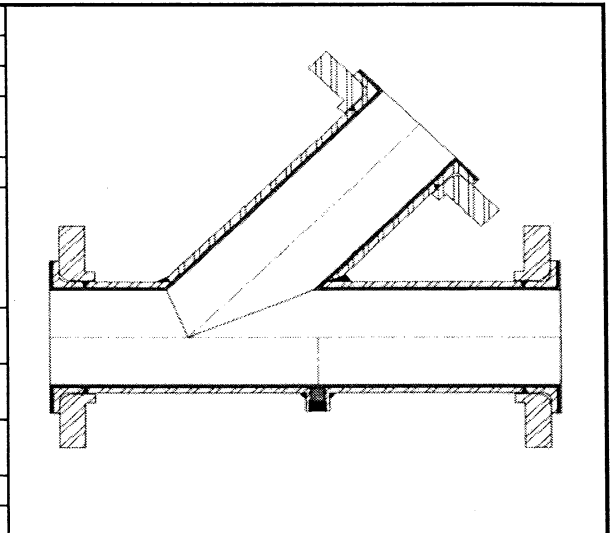
BAUM KUNSTSTOFFE GmbH
 GEWERBESTRABE 25-29
 75217 BIRKENFIELD
 GERMANY

14-Oct-17

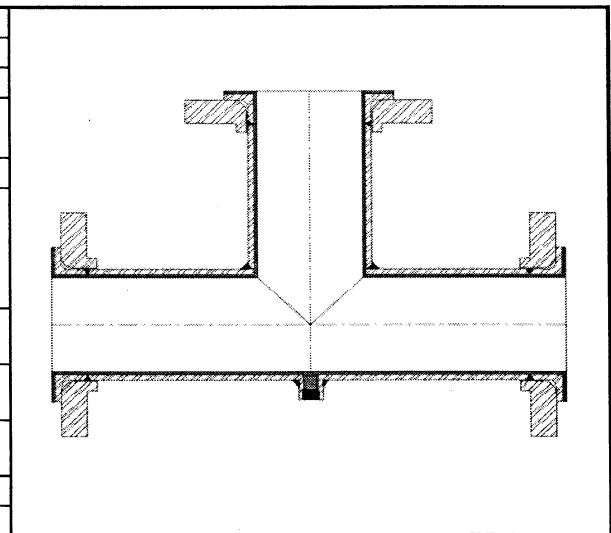
Page 1 of 1

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.

ASCA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

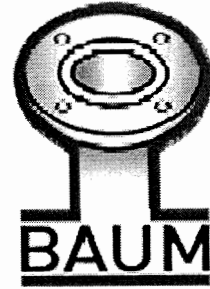
REGISTRATION NO. **0A18088.2**

DWG. NO. or CAT. NO. *Design reports*
R-0764-LAT & R-0764-TEE

TYPE OF FITTINGS *cl. 150 laterals & tees*

NOV 01 2017 INITIALS *Zana*

Date **ZANA RADISAVLJEVIC,**
DESIGN SURVEYOR



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

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