

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 :0A18088.2Accepted on: November 01, 2017Reg Type:NEW DESIGNExpiry Date: November 01, 2027Drawing No. : DESIGN REPORT R-0764-LAT, R-0764-TEEFitting type:CLASS 150 TEES AND LATERALSDesign registered in the name of : BAUM KUNSTSTOFFE GMBHComparison

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,

Zana Padisarlipevil

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

Alberta Municipal Affairs

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# STATUTORY DECLARATION Registration of Fittings

the pressure

AB-41 2016-01

	Registration of Fittings	
		In this space, show facsimile of manufacturer's logo or
I, FRANK ESCHER	, SALES DIRECTOR	trademark as it will appear on the fitting.
(name of applicant)	(position title) (must be in a position of authority)	
of BAUM KUNSTSTOFFE GmbH		
located at GewerbestraBe 25-29, 75	name of manufacturer)	
Gewerbestrade 23-29, 75	(plant address)	
do solemnly declare that the fittings I (check one)	isted hereunder, which are subject to the Safety	Codes Act BAUM
comply with the requirements	of ASME B31.3 which s (title of recognized North American Standard)	specifies the dimensions,
materials of construction, pre	ssure/temperature ratings and identification mar	king of the fittings, or
are not covered by the provis	ions of a recognized North American standard a	nd are therefore manufactured
to comply with		as supported by the
attached		
(title of co	de of construction or other applicable document)	
data which identifies the dime	nsions, materials of construction, pressure/temp	perature ratings and the basis
for such ratings, and the mar	king of the fittings for identification.	
I further declare that the manufacture	e of these fittings is controlled by a quality contro	l program which has been
verified by the following authority, IS	O 9001:2008 - TUV as being suitab	ble for the manufacture of these
	ttings covered by this declaration, for which I se	
-	ungs covered by this declaration, for which is a	
CATEGORY H	(brief description of fittings)	
In support of this application, the following	owing information, calculations and/or test data	are attached:
SCOPE OF CRN, DRAWINGS, C	ALCULATIONS, REPORTS, WORLDWIDE LOC	CATIONS APPENDIX
		<b>~</b> <i>i</i> :
DECLARED before me at (cit	Plogheim in the Country of B	(province or state)
this $\underline{\ }$ day of $\underline{\ }$	(Month), <u>(Year)</u>	$\bigcirc$
(print) V() Chy (a Commissioner of Oaths or No	tary Public)	(A)
(sign) (a Commissioner of Oaths or No	tary Public) (signatur	e of applicant)
For ABSA Office Use Only:		
NOTES:		
To the best of my knowledge and be Standard B51, Clause 4.2, and is ac	lief, the application meets the requirements of the cepted for registration in Category	ne Safety Codes Act and CSA
Registration Number:	8088.2 Fau	A F. HADISAVE
Date Registered: NOV	0 1 2017 Expiry Date:	Nov.1,2=27
The information you provide is necessary only for	or the administration of the programs as required by the Alberta	Safety Codes Act and Regulations in the

ams as required by the Alberta Safety Codes Act and Regu Pressure Equipment Discipline.

2 UR 1350 / 2017

## **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 Notarization Law (BeurkG) was answered in the negative.

Pforzheim, 10 October 2017 Notariat 2 Pforzheim

ia the

von Ehr, Notarvertreterin<sup>®</sup> Notary Public



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NOV 0 1 2017

I. FRANK ESCHER (name of applicant) (name of manufacturer) (name of manufacturer) (name of manufacturer) located at <u>3PPSI Circle</u> , Charleston, WV, 25312, USA (name of manufacturer) located at <u>3PPSI Circle</u> , Charleston, WV, 25312, USA do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one) (name of nanufacturer) (name of nanufacturer) located at <u>3PPSI Circle</u> , Charleston, WV, 25312, USA do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one) (name of nanufacturer) (name of nanufacture nanufacture nanufacture nanufacturer is comply with attached (Iffe 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 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 (oriel 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 <u>SASE Producery</u> (rear) (nother) (a Commissioner of Oaths or Notary Pu		STATUTORY DECLARATION Registration of Fittings	\B-41 201	
I.       FRANK ESCHER		In this space, show fac		
of <u>BAUM AMERICA CORP</u> . (name of manufacturer) located at <u>3PPSI Circle</u> , Charleston, WV, 25312, USA (glant 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, (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 manufacture 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 - SMITHERS as being suitable for the manufacture of the fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are CATEGORY H (orief 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 <u>HAS Flockerin</u> in the <u>COUNTY</u> of <u>Work-Wytheregy</u> (print) (a commissioner of Oaths or Notary Public) (sign <u>(a commissioner of Oaths or Notary Public)</u> (sign <u>(a commissioner of Oaths or Notary Public)</u> (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 CS	I, FRANK ESCHE		pear on	
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(a Commissioner of Oaths or Notary Public) (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 CS	verified by the follo fittings to the stated <u>CATEGORY H</u> In support of this an <u>SCOPE OF CRN</u> DECLARED before this <u>/O</u> (print) VOO (	at the manufacture of these fittings is controlled by a quality control program which has wing authority, <u>ISO 9001:2008 - SMITHERS</u> as being suitable for the manufacture d standard. The fittings covered by this declaration, for which I seek registration, are (brief description of fittings) upplication, the following information, calculations and/or test data are attached: N, DRAWINGS, CALCULATIONS, REPORTS, WORLDWIDE LOCATIONS APPENDIX e me at <u>PSAS Pockern</u> in the <u>COUNTY</u> of <u>Colon-Unterno</u> (citil) day of <u>Colon-</u> , <u>2017</u> (Month)	ire of the	
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## **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 Notarization Law (BeurkG) was answered in the negative.

Pforzheim, 10 October 2017 Notariat 2 Pforzheim

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von Ehr, Notarvertreterin Notary Public

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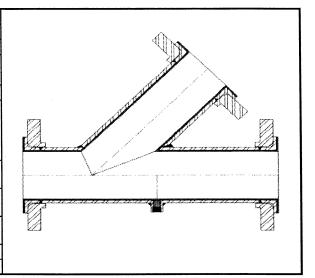


BAUM KUNSTSTOFFE GmbH GEWERBESTRABE 25-29 75217 BIRKENFIELD GERMANY

#### SCOPE OF CRN REGISTRATION

Page 1 of 1

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"×8"	
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	285 psig at 100F, 170 psig at 500F (Note 3)	
Rating:		
304 S.Steel Pressure	275 psig at 100F, 170 psig at 500F (Note 4)	
Rating:		
316 S.Steel Pressure	275 psig at 100F, 170 psig at 500F (Note 5)	
Rating:		
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,	A manuna and
	A403-304, A403-316	
Carbon Steel Pressure	285 psig at 100F, 170 psig at 500F (Note 3)	
Rating:		
304 S.Steel Pressure	275 psig at 100F, 170 psig at 500F (Note 4)	
Rating:	275 psig at 1001, 170 psig at 5001 (Note 4)	
316 S.Steel Pressure	275 point at 100E 170 point at 500E (Note 5)	
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 CI. 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.

A. 150. ABA
SAFETY CODES ACT - PROVINCE OF ALBERTA
REGISTRATION OF FITTINGS
REGISTRATION NO. OA 18088.2
DWG. NO. or CAT. NO. R-0764-CAT ~ R-0764-T
TYPE OF FITTINGS CI. 150 Caterals xters
NOV 0 1 2017 TALS Faure.
Date ZANA RADISAVLJEVIC, DESIGN SURVEYOR



#### WORLDWIDE LOCATIONS APPENDIX

### BAUM MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. May 26, 2017)

#### **BAUM KUNSTSTOFFE GmbH**

GewerbestraBe 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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