

June 16, 2014

**Attention:** Harold Acord  
MAASS FLANGE CORPORATION  
6202 LUMBERDALE ROAD  
HOUSTON, TX 77092

The design submission, tracking number 2014-00722, originally received on January 30, 2014 was surveyed and accepted for registration as follows:

**CRN :** 0B06472.2 **Accepted on:** June 16, 2014

**Reg Type:** Addition to Acc. Fitting **Expiry Date:** June 16, 2024

**Drawing No. :** ASME FLANSCHENKATALOG AUSGABE 2000 As Noted

**Fitting type:** ASME B16.5, B16.47, B16.36 FLANGES

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

*This registration includes only flanges which are fully compliant with the latest editions of ASME B16.5, ASME B16.36, and ASME B16.47. British Standard flanges are EXCLUDED from the registration.*

*'Nominal Pressure' indicated in the catalog and the "lb/sq.in." labels on catalog pages are understood to be the ASME Class designations of flanges; the actual pressure ratings shall be as assigned by the flange standard.*

*The following materials are EXCLUDED from the registration, as they are not listed in the appropriate tables as being within the scope of the referred flange standards:*

*ASTM C21; ASTM A181; ASTM A182 Gr. F11 Cl. 1; ASTM A182 Gr. F11 Cl. 3; and ASTM A182 Gr. F12 Cl. 1.*

*This registration covers only flanges manufactured at the plants located at 6202 Lumberdale Road, Houston, Texas and at 507 Highway 90 East, Sealy, Texas.*

*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 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.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3386 or fax (780) 437-7787 or e-mail [brandon@absa.ca](mailto:brandon@absa.ca).

Sincerely,



BRANDON, GREG



the pressure equipment safety authority

**Celebrating 20 years  
1995 – 2015**

**9410 - 20 Ave N.W.  
Edmonton, Alberta, Canada T6N 0A4  
Tel: (780) 437-9100 / Fax: (780) 437-7787**

January 11, 2015

**Attention:** Harold Acord  
MAASS FLANGE CORPORATION  
6202 LUMBERDALE ROAD  
HOUSTON, TX 77092

The design submission, tracking number 2014-10304, originally received on December 08, 2014 was surveyed and accepted for registration as follows:

**CRN :** 0B06472.2

**Accepted on:** January 11, 2015

**Reg Type:** Addition to Acc. Fitting

**Expiry Date:** June 16, 2024

**Drawing No. :** TABLE I

**Fitting type:** LINE BLANKS

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

*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 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.*

*Registration is based on the understanding that the components are in full compliance with ASME B16.48  
Registration covers Tables from I to 18.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

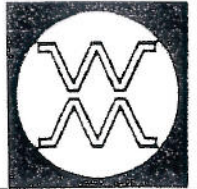
Sincerely,

GRYNCHUK, MILLA



**STATUTORY DECLARATION  
Registration of Fittings**

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



I, DAVID COOK  
VICE PRESIDENT

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of MAASS FLANGE CORPORATION  
(name of manufacturer)

located at 6202 LUMBERDALE ROAD HOUSTON, TEXAS 77092  
(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 ANSI/ASME B.S. 3293, DIN EN 1092-1  
B16.5, B16.47, B16.36 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 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, TUV - SAARLAND 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 PIPE FLANGES

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

CATALOGS

DECLARED before me at MAASS FLANGE Corp. in the State of TEXAS  
this 22<sup>nd</sup> day of January, 2014  
(Month) (Year)

(print) SUSAN ROYE

(sign) Susan Roye  
(A Commissioner for Oaths)



David Cook  
(Signature of Applicant)

**For Office Use Only**

**See Acceptance Letter for the comments and/or conditions of registration.**

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 B, as noted.

Registration Number: 0B06472.2

Date Registered: JUN 16 2014

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: JUN 16, 2024





British Columbia  
Exempt

## DIRECTIVE

No: D-B6 070402 3

### EXEMPTION FROM REGISTRATION REQUIREMENTS FOR CATEGORY A, B, C, AND G CATEGORY FITTINGS

*This Directive is being issued by a provincial safety manager pursuant to section 30 of the Safety Standards Act.*

**Date of Issue: April 2, 2007**

#### General Details

This directive is being issued to exempt Category A, B, C, and G fittings from registration as required by Section 84(2) of the Power Engineers, Boiler, Pressure Vessel and Refrigeration Safety Regulation (PEBPV&RSR) effective May, 1, 2007.

All registrations received before May 1, 2007 will be processed but any received after this date will be returned to the submitter.

#### Specific Details

Section 84(2) of the PEBPV&RSR requires that fittings, boilers, pressure vessels and pressure piping be registered with a provincial safety manager of the BC Safety Authority. The specific types of fittings for which this exemption applies are categories A, B, C, fittings and category G capacity certified fittings as listed in CSA B 51 Table 1.

- A Pipe fittings, including couplings, tees, elbows, wyes, plugs, unions, nipples, pipe caps, and reducers
- B All flanges
- C All line valves
- G Certified capacity-rated pressure-relief devices acceptable as primary overpressure protection on boilers, pressure vessels and pressure piping, and fusible plugs.

Pursuant to the power granted to the provincial Safety Manager under Section 84(8) of the PEBPV&RSR, it is hereby directed that category A, B, C, and G fittings, as described above, are exempt from the registration requirements of Section 84(2) of the PEBPV&RSR effective May 1, 2007.

  
Malcolm Bishop

Provincial Safety Manager - Boilers

For more information, contact your local safety officer or visit our web site at:

[www.safetyauthority.ca](http://www.safetyauthority.ca)

DIRECTIVE NO: D-B6 070402 3

Page 1 of 2

88 SIXTH STREET, SUITE 400, NEW WESTMINSTER, BRITISH COLUMBIA, CANADA V3L 5B3  
Toll Free: 1-866-566-SAFE (7233) Fax: 604 660-6215 Web Site: [www.safetyauthority.ca](http://www.safetyauthority.ca) E-mail: [info@safetyauthority.ca](mailto:info@safetyauthority.ca)

FRM-1126-00 (2007/02/07)



B.C. Exempt

## Relevant Legislation

### Registration of boiler, pressure vessel, fitting and pressure piping design

84 (1) For this section, "pressure retaining equipment" means a boiler or pressure vessel, or pressure piping system.

- (2) The design of all boilers, pressure vessels, fittings and pressure piping, to which this regulation applies, must be registered with a provincial safety manager.
- (3) Subsection (2) does not apply to pressure piping that is
  - (a) NPS 3 or less, or
  - (b) in a fluid plant.
- (4) To register a design, the owner, licensed contractor, consulting engineer, manufacturer or designer of the pressure retaining equipment must submit, for review by a provincial safety manager, an application containing all drawings, design specifications, calculations and codes of conformance as required by a provincial safety manager.
- (5) Registration of pressure retaining equipment must be obtained before construction is commenced.
- (6) If, in the opinion of a provincial safety manager, a design registered under subsection (2) is subsequently found to be defective in any detail, the design must be revised by the person who submitted the design and those revisions must be approved by the provincial safety manager.
- (7) The registration of a pressure retaining equipment design does not relieve the equipment manufacturer of liability for the design and construction of the pressure retaining equipment.
- (8) A provincial safety manager may exempt fitting designs from registration under subsection (2).




# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>MISS FLEET CORPORATION</u>	
MANUFACTURERS ADDRESS: <u>6202 LUMBERDALE ROAD HOUSTON TEXAS 77092</u>	
PLANT LOCATIONS: <u>507 Hwy 90E Searles TEXAS 77474 / 6202 LUMBERDALE ROAD HOUSTON TEX 77092</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input checked="" type="radio"/> B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TYPE OF THE STANDARD OF CONSTRUCTION</p> <p>ASME/ANSI B16.5, B16.34, B16.47 BS 3273, DIN EN 1092-1</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON	
	
TYPE OF CONSTRUCTION	
<p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER</p>	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<p>CATALOGS</p>	

## DECLARATION:

I, DAVID COOK (see note 3) employed by MISS FLEET CORPORATION and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TUV SUD as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: David Cook

Declared before me at: 6202 LUMBERDALE ROAD HOUSTON TEXAS

This 22nd day of January AD 2014

Commissioner of Oaths  
or Notary Public (sign): Susan Royce



<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance</p>	
<p>CRN <u>0B06472.2 ADD2</u></p> <p>FID# <u>15018</u></p> <p>Notes:</p> <ol style="list-style-type: none"> <li>1. All fittings shall be registered in the name of the Manufacturer.</li> <li>2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</li> </ol>	<p><b>NUNAVUT</b></p> <p>Boilers and Pressure Vessels Act</p> <p><b>REGISTERED</b></p> <p>CRN <u>0B06472.2NAdd2</u></p> <p>Date <u>SEP 12, 2014</u></p> <p>Signed <u>[Signature]</u> Chief Inspector</p> <p>Territorial Registration Fee</p>


# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>MANSS Flange Corporation</u>	
MANUFACTURERS ADDRESS: <u>6202 LUMBERDALE Road Houston TEXAS 77092</u>	
PLANT LOCATIONS: <u>507 Hwy 90E Seely, TEXAS 77474 / 6202 Lumberdale Road, Houston TEX 77092</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input checked="" type="radio"/> B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p><u>ASME/ANSI B16.5,</u> <u>B16.36, B16.47</u> <u>BS 3293,</u> <u>DIN EN1092-1</u></p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON	
	
TYPE OF CONSTRUCTION	
<p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER:</p>	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<p><u>CATALOGS</u></p>	

## DECLARATION:

I DAVID COOK (see note 3) employed by MANSS Flange Corporation and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TUV SAKHARD as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: David Cook

Declared before me at 6202 Lumberdale Road, Houston TX, U S E

This 22nd day of January AD 2014

Commissioner of Oaths

or Notary Public: (sign) Susan Royle



This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OB06472.2 ADD2</u>	REGISTRATION ONLY
FID#: <u>15018</u>	CRN <u>OB06472.27Add2</u>
Notes:	EXAMINER: <u>Ken Cress</u>
1. All fittings shall be registered in the name of the Manufacturer.	for
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	CHIEF BOILER INSPECTOR
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	DATE: <u>8/22/2014</u>
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	<p><input type="checkbox"/> SLRs <input type="checkbox"/> PVs</p> <p><input type="checkbox"/> FITTINGS <input type="checkbox"/> COMPONENTS</p>




# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME <u>MISS FRIDGE CONTRACTING</u>	
MANUFACTURERS ADDRESS <u>6202 Lumberdale Road Houston, TEXAS 77092</u>	
PLANT LOCATIONS: <u>507 Hwy 92E Searcy, TEXAS 77474 / 6202 Lumberdale Road, Houston, TEX 77092</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input checked="" type="radio"/> B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p><u>ASME/ANSI B16.5,</u> <u>B16.36, B16.47</u> <u>BS 3293,</u> <u>DIN EN 1092-1</u></p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON	TYPE OF CONSTRUCTION
	<p>FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER</p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEM TO BE REGISTERED:	
<u>CATALOGS</u>	

## DECLARATION:

I, David Cook (see note 3) employed by MISS FRIDGE CONTRACTING and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TUV SUD as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: David Cook

Declared before me at 6202 Lumberdale Road, Houston, Texas

This 22nd day of January AD 2014

Commissioner of Oaths  
or Notary Public: (sign) Susan Royle




This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OB06472.2 ADD2</u>	<p>Newfoundland Labrador Service NL</p> <p>Registered: <u>OB06472.20</u> ADD 2</p> <p>Date: <u>29 AUG 2014</u></p> <p>Engineering and Inspection Services</p> <p>Registered by: <u>[Signature]</u></p>
<p>Notes</p> <p>1 All fittings shall be registered in the name of the Manufacturer</p> <p>2 Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation</p> <p>3 The declaration shall be made by the person having full authority and responsibility for the quality of the end product</p> <p>4 Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years</p>	
<p>UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GASES REGULATIONS Sect 10 Fittings Rev 1 Oct 2013</p>	



## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUTNOVA SCOTIA  
YUKONPRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>MASS FLANGE CORPORATION</u>	
MANUFACTURERS ADDRESS: <u>6202 LUMBERDALE ROAD HOUSTON TEXAS 77092</u>	
PLANT LOCATIONS: <u>507 HWY 90 E SALT, TEXAS 77474 / 6202 LUMBERDALE ROAD, HOUSTON TEXAS 77092</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY.	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME/ANSI B16.5,</u> <u>B16.36, B16.47</u> <u>BS 13293,</u> <u>DIN EN1092-1</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON	
	 TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<u>CATALOGS</u>	

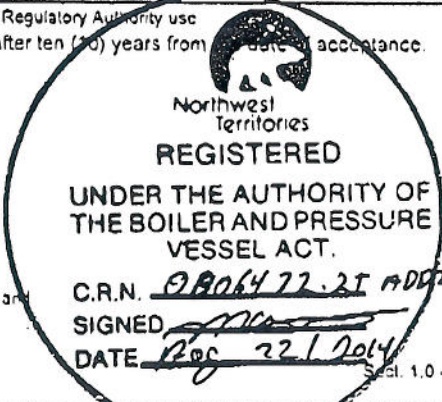
## DECLARATION:

I, DAVID GORE (see note 3) employed by MASS FLANGE CORPORATION and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TUV SAKHANG as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: [Signature]Declared before me at 6202 LUMBERDALE ROAD, HOUSTON TEXASThis 22<sup>nd</sup> day of JANUARY AD 2014

Commissioner of Oaths


or Notary Public: (sign) [Signature]

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from date of acceptance.	
CRN: <u>0806472.2 ADD2</u>	
FID#: <u>15018</u>	
Notes:	
1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	
159.00 Sect. 1.0 - Fittings Rev. 1 06/2003	

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUTNOVA SCOTIA  
YUKONPRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>MASS FALGUE CORPORATION</u>	
MANUFACTURERS ADDRESS: <u>6202 LUMBERDALE ROAD HOUSTON TEXAS 77092</u>	
PLANT LOCATIONS: <u>507 HWY 90 E SALLY TEXAS 77474 / 6202 LUMBERDALE ROAD HOUSTON TEXAS 77092</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers (B) Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME/ANSI B16.5,</u> <u>B16.36, B16.47</u> <u>BS 3293,</u> <u>DIN EN 1092-1</u>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON	
	
TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<u>CATALOGS</u>	

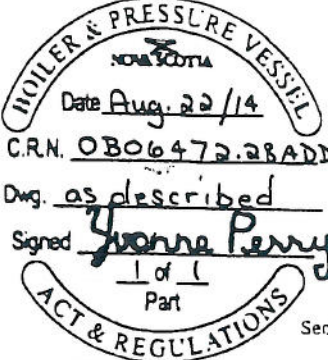
## DECLARATION:

I David Cook (see note 3) employed by MASS FALGUE CORPORATION and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by THV SIGNATURE as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: David CookDeclared before me at 6202 Lumberdale Road, Houston TX U.S.E.This 22nd day of January AD 2014

Commissioner of Oaths

or Notary Public: (sign) Susan Royce

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance	
CRN <u>UB06472.2 ADD2</u>	
FID# <u>15018</u>	
Notes	
1 All fittings shall be registered in the name of the Manufacturer 2 Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation 3 The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4 Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years	

Sect 10 - Fittings Rev 108 2003





# ONTARIO

14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4  
Tel.: 416.734.3300  
Fax: 416.231.1626  
Toll Free: 1.877.682.8772

[www.tssa.org](http://www.tssa.org)

September 12, 2014

CYNTHIA FORMANIUK  
ALBERTA BOILERS SAFETY ASSOCIATION  
9410-20 AVENUE  
EDMONTON AB T6N 0A4  
CA



**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 1457668  
**Your Reference No.:** 2014-00722  
**Registered to:** MAASS FLANGE CORPORATION

Dear CYNTHIA FORMANIUK,

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

**CRN :** 0B6472.25R2  
**Main Design No.:** ASME FLANSCHENKATALOG AUSGABE 2000 - ASME  
B16.5, B16.47, B16.36 FLANGES ONLY  
**Expiry Date:** 16-Jun-2024

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

**Scope of R1:** KINKA catalogue K-500-7 2000.4. Material, pressure temperature rating and end connections per B16.34.

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](mailto: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.

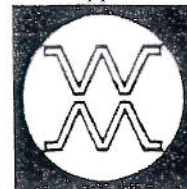
Yours truly,

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



**STATUTORY DECLARATION  
Registration of Fittings**

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



I, DAVID COOK,

VICE PRESIDENT

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of MAASS FLANGE CORPORATION  
(name of manufacturer)

located at 6202 LUMBERDALE ROAD HOUSTON, TEXAS 77092  
(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 ANSI/ASME B.S. 3293, DIN EN 1092-1  
B16.5, B16.47, B16.36 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 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, TUV - SAARLAND 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 PIPE FLANGES

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

CATALOGS

DECLARED before me at MAASS FLANGE CORP. in the State of TEXAS

this 22nd day of January, 2014  
(Month) (Year)

(print) Susan Roye

(sign) Susan Roye  
(A Commissioner for Oaths)



Technical  
Standards  
Authority  
Boilers and  
Pressure Vessels  
Safety Program  
David Cook  
(Signature of Applicant)  
CRN: 086472.25R2  
Signed: B. Kin  
Date: Sept 12/14

**For Office Use Only**

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 B

Registration Number: 086472.25R2

Date Registered: Sept. 12/14

(For the Administrator/Chief Inspector of Alberta)  
Expiry Date: June 16/2029

See registration letter for scope. KKA 1/12/14 ON



# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>MASS FINE CORPORATION</u>
MANUFACTURERS ADDRESS: <u>6202 LUMBERDALE ROAD HOUSTON TEXAS 77092</u>
PLANT LOCATIONS: <u>507 Hwy 90 E Searles, TEXAS 77474 / 6202 Lumberdale Road, Houston, TEX 77092</u>
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input checked="" type="radio"/> B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>
TITLE OF THE STANDARD OF CONSTRUCTION <u>ASME/ANSI B16.5, B16.36, B16.47, BS.3293, DIN EN 1092-1</u>

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON



TYPE OF CONSTRUCTION

FORGED ☒ WELDED ☐ WROUGHT ☐  
CAST ☐ OTHER ☐  
DESCRIBE OTHER

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

CATALOGS

## DECLARATION:

I DAVID COOK (see note 3) employed by MASS FINE CORPORATION and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by THU SAKHIND as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: David Cook

Declared before me at 6202 Lumberdale Road, Houston, TX

This 22nd day of January AD 2014

Commissioner of Oaths  
or Notary Public: (sign) Susan Royce



This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: OB06472.2 ADD2

FID# 15018

## Notes

- 1 All fittings shall be registered in the name of the Manufacturer.
- 2 Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- 3 The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- 4 Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

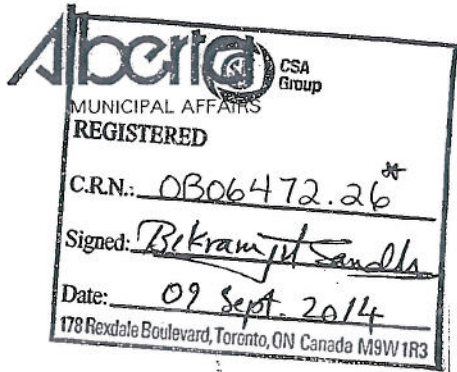
**ACCEPTED**  
**PROVINCE OF PRINCE EDWARD ISLAND**  
**ENVIRONMENT, LABOUR & JUSTICE**

C.R.N. OB06472.27 ADD2

DATE: AUG 22/14

D. McLeath  
**INSPECTION SERVICES SECTION**  
**BOILER/PRESSURE VESSEL BRANCH**

Sec 10 - Fittings Rev 1.06 2013



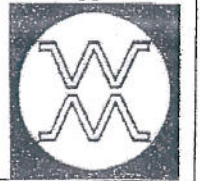
Que Bec AB-41 2005-02

\*Scope: See attachment for the scope of registration



### STATUTORY DECLARATION Registration of Fittings

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



I, DAVID COOK,

VICE PRESIDENT

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of MAASS FLANGE CORPORATION  
(name of manufacturer)

located at 6202 LUMBERDALE ROAD HOUSTON, TEXAS 77092  
(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 ANSI/ASME B.5.3293, DINEN 1092-1  
B16.5, B16.47, B16.36 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 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, TUV - Saarland 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 PIPE FLANGES

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

CATALOGS

DECLARED before me at MAASS FLANGE CORP. in the State of TEXAS  
this 22<sup>nd</sup> day of January, 2014

(print) Susan Royce

(sign) Susan Royce  
(A Commissioner for Oaths)



(Signature of Applicant)

#### For Office Use Only

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 B

Registration Number: 0B06472.26

Date Registered: SEP. 9. 2014

B. SANDHU

(For the Administrator/Chief Inspector of Alberta)

Expiry Date:



JUNE 16. 2024

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 Boiler Discipline.





CODES AND STANDARDS COMPLIANCE

## Registration Requirements for Pressure Fittings

In part, the following explains the requirements in *The Boiler and Pressure Vessel Act and Regulations*:

### Objective of Design Registration

The primary objective of Design Registration is to ascertain, within reasonable bounds, that designs submitted for registration under *The Boiler and Pressure Vessel Act* are in compliance with the act, regulations, and relevant codes and standards. One must keep in mind that the owner of the design has ultimate responsibility for its correctness. Registration of a design does not relieve any person who constructs, installs, alters, or repairs a fitting of liability with respect to that design.

### Design Submission Requirements

Any person who intends to manufacture a fitting for use in Saskatchewan in connection with any boiler, pressure vessel, or pressure piping system shall apply for registration of the fitting unless otherwise provided in the regulations (described below). A fitting means a valve, gauge, regulating or controlling device, flange, pipe fitting, nozzle, or thing that is attached to or forms part of a boiler, pressure vessel, or pressure piping system. The submissions for registration shall include:

- the design details (drawings, brochures, catalogues, etc. as appropriate) in duplicate;
- one set of calculations or reports in support of the design (where applicable);
- two Statutory Declaration Forms completed by the manufacturer;
- proof of registration in another Canadian jurisdiction (if applicable);
- a completed "Application for Registration of Design" form for each design; and
- the prescribed fee as shown in the table below, which is taken from the regulations (cheques or money orders made out in Canadian funds to the "Minister of Finance"). No refund will be given of any fee paid pursuant to an application for registration if the application is denied.

The design details, specifications, and other information submitted shall show enough detail to demonstrate that the design will conform to the code or standard specified in the statutory declaration and that the manufacturer conforms to a quality control program as required by the CSA B51 code.

### Design Registration Fees for Fittings

Description	Fee
For each size submitted for separate registration	\$60
For a range of sizes on one drawing for collective registration	\$100
For a range of sizes and types listed in a catalogue	\$195
For each addition or revision to a catalogue	\$60

Submissions for registration shall be sent to the Saskatchewan Boiler and Pressure Vessel Safety office in Regina at the following address:

Codes and Standards Compliance Office  
Ministry of Corrections, Public Safety and Policing  
Boiler and Pressure Vessel Safety  
330 - 1855 Victoria Avenue  
REGINA SK S4P 3T2

Designs submitted by fax or other electronic means (email) are not accepted at this time.

### Notes

Design registration will be denoted by the Canadian Registration Number (CRN) assigned to the design. Any number of units may be made to one registered design, unless the code or regulations change to invalidate the registered design or unless the registration limits the number of units that may be built to the design. Registrations of fittings shall be resubmitted for validation ten years after the date of first acceptance.

Note that it is not necessary that the drawings be stamped by a registered Professional Engineer unless the code or design reviewer requires such stamping.



Exemptions from Registration Requirements of Fittings

A fitting is not required to be registered in Saskatchewan pursuant to *The Boiler and Pressure Vessel Act* if:

- it is registered by CSA  
(Contact: Renzo Pupulin C.E.T.  
CSA International  
178 Rexdale Boulevard  
TORONTO ON M9W 1R3  
Tel 416-747-2345 Fax 416-401-6789  
renzo.pupulin@csa-international.org); or
- • it is a category A, B, C, or G fitting, as set out in the CSA B51 code

For more information contact:

Boiler and Pressure Vessel Safety at (306) 787-1443  
(1-866-530-8599 - Toll free in Saskatchewan) or fax (306) 787-9273.

Home / About CPSP / Ministry Overview / Licensing and Inspections / Boiler and Pressure Vessel Safety / Codes and Standards  
Compliance / Registration Requirements for Pressure Fittings

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# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK  
NUNAVUT

NOVA SCOTIA  
YUKON

PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: <u>MASS FRIEZE CORPORATION</u>	
MANUFACTURERS ADDRESS: <u>6202 LUMBERDALE ROAD HOUSTON TEXAS 77092</u>	
PLANT LOCATIONS: <u>507 HWY 90E SHELBY TEXAS 77474 / 6202 LUMBERDALE ROAD HOUSTON TEXAS 77092</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY.	
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input checked="" type="radio"/> B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p><u>ASME/ANSI B16.5,</u> <u>B16.36, B16.47</u> <u>BS 3293,</u> <u>DIN EN 1092-1</u></p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON	
	
TYPE OF CONSTRUCTION	
<p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>DESCRIBE OTHER</p>	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<p><u>CATALOGS</u></p>	

## DECLARATION:

I, DAVID COOK (see note 3) employed by MASS FRIEZE CORPORATION and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TUV SUD as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: David Cook


Declared before me at 6202 LUMBERDALE ROAD HOUSTON TEXAS

This 22nd day of JANUARY AD 2014

Commissioner of Oaths

or Notary Public: (sign) Susan Royce



This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance	
CRN: <u>OB06472.2 ADD2</u>	
FID#: <u>15018</u>	
<p>Notes:</p> <p>1. All fittings shall be registered in the name of the Manufacturer</p> <p>2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years</p>	