


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: Jinan Meide Casting Co., Ltd.	
MANUFACTURERS ADDRESS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
PLANT LOCATIONS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers <input checked="" type="checkbox"/> 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 ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
Jinan Meide Casting Co., Ltd. 	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:	
ISO9001 certificate. Flange Catalogue.	

DECLARATION: Zhan Lei (see note 3) employed by Jinan Meide Casting Co., Ltd. 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 BVQI 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: Zhan Lei 甄磊
 Declared before me at _____
 This _____ day of _____
 Commissioner of Oaths
 or Notary Public: (sign) _____




 U S E T
 DEPT OF JUSTICE PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance. CRN: <u>OB3184.7</u> FID#: <u>15519</u> <u>BLIND, THD., REDUC. - D.I. FLANGES - AS34</u> Notes: <u>DIMENSIONS, FACES & DRILLED ASME B16.42</u> 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.	REGISTRATION ONLY CRN <u>OB3184.7</u>  CHIEF BOILER INSPECTOR DATE <u>4/3/20</u> <input type="checkbox"/> BLRs <input type="checkbox"/> PVs <input type="checkbox"/> FITTINGS <input type="checkbox"/> NUCLEAR COMPONENTS
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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: Jinan Meide Casting Co., Ltd.	
MANUFACTURERS ADDRESS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
PLANT LOCATIONS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
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 ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
Jinan Meide Casting Co., Ltd.  MECH	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:	
ISO9001 certificate. Flange Catalogue.	

DECLARATION: Zhan Lei (see note 3) employed by Jinan Meide Casting Co., Ltd. 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 BVQI 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: Zhan Lei 甄雷

Declared before me at _____

This _____ day of _____

Commissioner of Oaths
or Notary Public: (sign)



USE THIS SPACE FOR
OFFICIAL SEAL

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years

CRN: 0B3184.7

FID#: 15519

Notes: BLIND, THD., REDUC. - D.I. FLANGES - A53B
DIMENSIONS, FACES & DRILLED ASME B31.42


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
COMMUNITIES, LAND & ENVIRONMENT
 C.R.N. 0B3184.79
 DATE: April 3/20
INSPECTION SERVICES SECTION
BOILER/PRESSURE VESSEL BRANCH

Sect. 1.0 - Fittings Rev. 1 08/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR
 NUNAVUT YUKON NORTHWEST TERRITORIES

MANUFACTURERS NAME: <u>Jinan Meide Casting Co., Ltd.</u>	
MANUFACTURERS ADDRESS: <u>Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China</u>	
PLANT LOCATIONS: <u>Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China</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 <input checked="" type="checkbox"/> C Valves: all the valves D Expansion joints, flexible connections, and hose assemblies: all types E Steamers, 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 ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
Jinan Meide Casting Co., Ltd. 	TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> OTHERWISE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: ISO9001 certificate. Flange Catalogue.	

DECLARATION: Zhan Lei (see note 3) employed by Jinan Meide Casting Co., Ltd. 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 BVOI as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing the contents of the same force and effect as if made under oath.

Signature of Declarer: Zhan Lei
 Declared before me at _____
 This _____ day of _____
 Commissioner of Oaths
 or Notary Public: (sign) _____



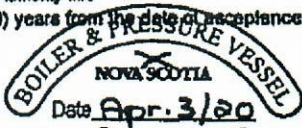

USE THIS SPACE FOR OFFICIAL USE

This space for Regulatory Authority use

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


CRN: OB3184.7
 FID#: 15519
BLIND THO. REDUC. - D.I. FLANGES-ASB
 Notes: DIMENSIONS, FACE & DRILLED AS PER B1.42

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.



 Date Apr. 3/20
 C.R.N. OB3184.78
 Dwg. as described
 Signed Yvonne Perry

 1 of 1
 Part
 Sect. 1.0 - Fittings Rev. 1 06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK NOVA SCOTIA PRINCE EDWARD ISLAND NEWFOUNDLAND AND LABRADOR
 NUNAVUT YUKON NORTHWEST TERRITORIES

MANUFACTURERS NAME: <u>Jinan Meide Casting Co., Ltd.</u>	
MANUFACTURERS ADDRESS: <u>Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China</u>	
PLANT LOCATIONS: <u>Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China</u>	
<p align="center">CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>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 B31.3</u>	
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p>Jinan Meide Casting Co., Ltd.</p> 	
<p align="center">TYPE OF CONSTRUCTION</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:</p>	
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>ISO9001 certificate. Flange Catalogue.</p>	

DECLARATION: Zhan Lei (see note 3) employed by Jinan Meide Casting Co., Ltd. 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 BVQI as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and aware that this is of the same force and effect as if made under oath.

Signature of Declarer: Zhan Lei 
 Declared before me at _____
 This _____ day of _____
 Commissioner of Oaths
 or Notary Public: (sign) _____



USE THIS SPACE FOR OFFICIAL STAMP

This space for Regulatory Authority use

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

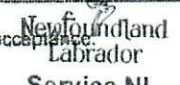
CRN: OB3184.7

FID#: 15519

BLIND THD, REDUC. - D.I. FLANGES - ASME

Notes: DIMENSIONS, FACE & DRILLED AS ASME B16.42

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.


 Registered OB3184.70
 Date 20/04/06
 Engineering and Inspection Services
 Registered By [Signature]
 UNDER THE AUTHORITY OF THE
 PUBLIC SAFETY ACT AND
 THE BOILER, PRESSURE VESSEL AND
 COMPRESSED GAS REGULATION 2003


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: Jinan Meide Casting Co., Ltd.	
MANUFACTURERS ADDRESS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
PLANT LOCATIONS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
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SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
Jinan Meide Casting Co., Ltd. 	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:	
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DECLARATION: I, Zhan Lei (see note 3) employed by Jinan Meide Casting Co., Ltd. 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 BVQI 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: Zhan Lei 甄磊
 Declared before me at _____
 This _____ day of _____
 Commissioner of Oaths
 or Notary Public: (sign) _____



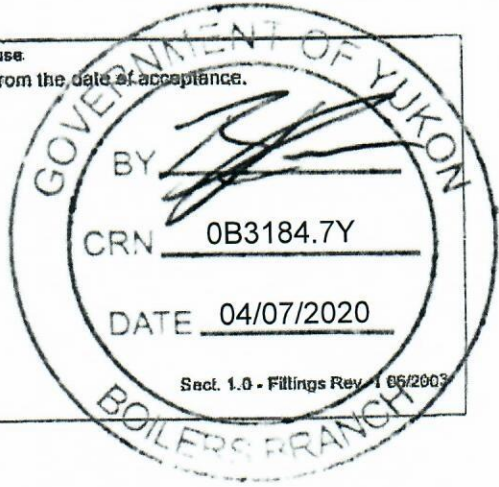
USE THIS SPACE FOR OFFICIAL USE

This space for Regulatory Authority use.

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CRN: OB3184.7
 FID#: 15519
 BRAND, THD., REDUC. - D.I. FLANGES - ASSE
 Notes: DIMENSIONS, FACE & DRILLED ASME B16.42

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




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>Jinan Meide Casting Co., Ltd.</u>	
MANUFACTURERS ADDRESS: <u>Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China</u>	
PLANT LOCATIONS: <u>Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China</u>	
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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 ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT Jinan Meide Casting Co., Ltd. 	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: ISO9001 certificate, Flange Catalogue.	

DECLARATION: Zhan Lei (see note 3) employed by Jinan Meide Casting Co., Ltd. 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 BVQI as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and that it will have all the force and effect as if made under oath.

Signature of Declarer: Zhan Lei

Declared before me at _____

This _____ day of _____

Commissioner of Oaths
or Notary Public: (sign)



USE THIS SPACE FOR
OFFICIAL USE

This space for Regulatory Authority use


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

CRN: OB3184.7

FID#: 15519

BLIND THD. REDUC. - D.I. FLANGES - AS3
Notes: DIMENSIONS, FINISH + DRILLED ASME B31.42

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



Northwest Territories

REGISTERED
UNDER THE AUTHORITY OF
THE BOILER AND PRESSURE
VESSEL ACT.

C.R.N. OB3184.7T

SIGNED _____

DATE April 3, 2020

103.00


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: Jinan Meide Casting Co., Ltd.	
MANUFACTURERS ADDRESS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
PLANT LOCATIONS: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
A Flange 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 ASME B31.3
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
Jinan Meide Casting Co., Ltd. 	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:	
ISO9001 certificate. Flange Catalogue.	

DECLARATION:

I, Zhan Lei (see note 3) employed by Jinan Meide Casting Co., Ltd. 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 BVQI as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and that this declaration is of the same force and effect as if made under oath.

Signature of Declarer: Zhan Lei

Declared before me at _____

This _____ day of _____

Commissioner of Oaths
or Notary Public: (sign) _____



USE THIS SPACE FOR
OFFICIAL USE

NUNAVUT

This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OB3184.7</u>	Boilers and Pressure Vessels Act
FIDR: <u>15519</u>	REGISTERED
<u>BLIND THD., REDUC. - D.I. FLANGES - ASME</u>	CRN: <u>OB3184.7N</u>
Notes: <u>DIMENSIONS, FINISH & DRILLED AS PER B31.42</u>	Date: <u>April 02, 2020</u>
1. All fittings shall be registered in the name of the Manufacturer.	Signed: <u>[Signature]</u>
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	Chief Inspector Director Safety Services - CCS
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	Sect. 1.0 - Fittings Rev. 1 06/2003
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	Territorial Registration Fee

Montréal, 02 Juin 2020

MONSIEUR WEST MILLER
MISTER CRN CONSULTING INC.
488 BOX
MONTAGUE PEI
CANADA C0A 1R0

Manufacturer : JINAN MEIDE CASTING CO. LTD.
3 NANMEN ROAD
PINGYIN COUNTY JINAN
CHINE

Our reference : 951311
Design number : DUCTILE IRON FLANGE CATALOG

Subject: Registration of designs – Confirmation of approval

Dear Sir,

The Régie du bâtiment du Québec (RBQ) informs you that your application for the registration of designs has been evaluated and that the design was registered under the Canadian Registration Number (CRN\NEC) : **0B03184.76**.

We bring your attention this requirement of the regulation respecting pressure installations, and the codes and standards adopted :

- The manufacturer must maintain a valid quality control program to produce according to the CRN.

This notice of approval does not relieve the constructor of his responsibilities with respect to the design or construction of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal

545, boul. Crémazie Est, 7^e étage
Montréal (Québec) H2M 2V2
Téléphone : 514 873-6459
Sans frais : 1 866 262-2084
www.rbq.gouv.qc.ca



玫德集团有限公司

JINAN MEIDE CASTING CO., LTD.

Address: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China Http://www.meide-casting.com

Phone: (86)531 87885036 87879384

Fax: (86)531 87879387



Ductile Iron Flanges Class 150 & 300



*Blind Flanges' sizes: 1" – 12"

*Hydrant Flanges' size: 6"

*Threaded Flanges' sizes: 1/2" – 12"

*Reducing Flanges' sizes: 1-1/4"x6" – 2"x19"

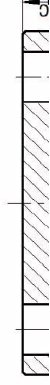
Standards and Specifications

*Material: conform to ASTM A536, grade 65-45-12

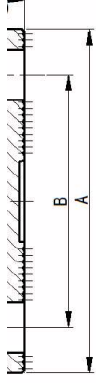
*Dimensions, faced and drilled in accordance with ASME B16.42

*Coating: Available in black electrophoretic coating and hot dip galvanized

* Threads conform to ASME B1.20.1

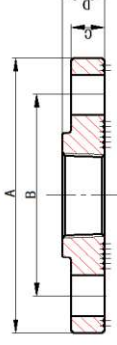


Flange Class 150 (Black & Galvanized)



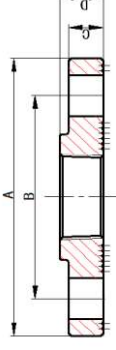
Item No.	Description	Size (inch)	A (inch)	B (inch)	C (inch)	Bolt hole size	No. of holes	Unit weight (kg)
321-15M 25	DUCTILE IRON FLANGE 1 150 BLIND	1"	4.25	3.12	0.56	φ0.625	4	0.8258
321-15M 40	DUCTILE IRON FLANGE 1 1/2 150 BLIND	1-1/2"	5	3.88	0.69	φ0.625	4	1.4652
321-15M 50	DUCTILE IRON FLANGE 2 150 BLIND	2"	6	4.75	0.75	φ0.75	4	2.3731
321-15M 65	DUCTILE IRON FLANGE 2 1/2 150 BLIND	2-1/2"	7	5.5	0.88	φ0.75	4	4.228
321-15M 80	DUCTILE IRON FLANGE 3 150 BLIND	3"	7.5	6	0.94	φ0.75	4	4.8547
321-15M 100	DUCTILE IRON FLANGE 4 150 BLIND	4"	9	7.5	0.94	φ0.75	8	6.5341
321-15M 125	DUCTILE IRON FLANGE 5 150 BLIND	5"	10	8.5	0.94	φ0.875	8	7.9894
321-15M 150	DUCTILE IRON FLANGE 6 150 BLIND	6"	11	9.5	1	φ0.875	8	10.811
321-15M 200	DUCTILE IRON FLANGE 8 150 BLIND	8"	13.5	11.75	1.12	φ0.875	8	18.6264
321-15M 250	DUCTILE IRON FLANGE 10 150 BLIND	10"	16	14.25	1.19	φ1	12	26.2487
321-15M 300	DUCTILE IRON FLANGE 12 150 BLIND	12"	19	17	1.25	φ1	12	39.5315

Flange Class 150 (Black & Galvanized)



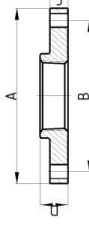
Item No.	Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	F (inch)	Bolt hole size	No. of holes	Unit weight (kg)
321-15 25	DUCTILE IRON FLANGE 1 150 THREADED	1"	4.25	3.12	0.56				φ0.625	4	0.8347
321-15 32	DUCTILE IRON FLANGE 1 1/4 150 THREADED	1-1/4"	4.62	3.5	0.62				φ0.625	4	1.0797
321-15 40	DUCTILE IRON FLANGE 1 1/2 150 THREADED	1-1/2"	5	3.88	0.69				φ0.625	4	1.3217
321-15 50	DUCTILE IRON FLANGE 2 150 THREADED	2"	6	4.75	0.75				φ0.75	4	2.1457
321-15 65	DUCTILE IRON FLANGE 2 1/2 150 THREADED	2-1/2"	7	5.5	0.88				φ0.75	4	3.4182
321-15 80	DUCTILE IRON FLANGE 3 150 THREADED	3"	7.5	6	0.94				φ0.75	4	3.9051
321-15 100	DUCTILE IRON FLANGE 4 150 THREADED	4"	9	7.5	0.94				φ0.75	8	5.5254
321-15 125	DUCTILE IRON FLANGE 5 150 THREADED	5"	10	8.5	0.94				φ0.875	8	6.0838
321-15 150	DUCTILE IRON FLANGE 6 150 THREADED	6"	11	9.5	1				φ0.875	8	7.5328
321-15 200	DUCTILE IRON FLANGE 8 150 THREADED	8"	13.5	11.75	1.12				φ0.875	8	13.0201
321-15 250	DUCTILE IRON FLANGE 10 150 THREADED	10"	16	14.25	1.19				φ1	12	22.854
321-15 300	DUCTILE IRON FLANGE 12 150 THREADED	12"	19	17	1.25				φ1	12	26.5451

Flange Class 300 (Black & Galvanized)



Item No.	Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
321-30 50	DUCTILE IRON FLANGE 2 300 THREADED	2"	6.5	5	0.88	1.31	φ0.75	8	2.8935
321-30 65	DUCTILE IRON FLANGE 2 1/2 300 THREADED	2-1/2"	7.5	5.88	1	1.5	φ0.875	8	4.2908
321-30 80	DUCTILE IRON FLANGE 3 300 THREADED	3"	8.25	6.62	1.12	1.69	φ0.875	8	5.5423
321-30 100	DUCTILE IRON FLANGE 4 300 THREADED	4"	10	7.88	1.25	1.88	φ0.875	8	9.7755
321-30 150	DUCTILE IRON FLANGE 6 300 THREADED	6"	12.5	10.62	1.44	2.06	φ0.875	12	15.4413
321-30 200	DUCTILE IRON FLANGE 8 300 THREADED	8"	15	13	1.62	2.44	φ1	12	24.5648

Reducing Flange Class 150 (Black & Galvanized)



Item No.	Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
321-15R 50X32	DI FLANGE 1 1/4X6 150 (Pipe Size 1-1/4 x 2)	1-1/4"x6"	6.00	5.50	0.75	1.00	φ0.75	4	2.3309
321-15R 50X40	DI FLANGE 1 1/2X6 150 (Pipe Size 1-1/2 x 2)	1-1/2"x6"	6.00	5.50	0.75	1.00	φ0.75	4	2.2557
321-15R 65X40	DI FLANGE 1 1/2X7 150 (Pipe Size 1-1/2 x 2-1/2)	1-1/2"x7"	7.00	5.50	0.88	1.12	φ0.75	4	3.809
321-15R 65X50	DI FLANGE 2 X7 150 (Pipe Size 2 x 2-1/2)	2" X7"	7.00	5.50	0.88	1.12	φ0.75	4	3.5367
321-15R 80X40	DI FLANGE 1 1/2X7 1/2 150 (Pipe Size 1-1/2 x 3)	1-1/2"x7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.454
321-15R 80X50	DI FLANGE 2 X7 1/2 150 (Pipe Size 2 x 3)	2" X7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.3827
321-15R 80X65	DI FLANGE 2 1/2X7 1/2 150 (Pipe Size 2-1/2 x 3)	2-1/2"X7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.2013
321-15R 100X40	DI FLANGE 1 1/2X9 150 (Pipe Size 1-1/2 x 4)	1-1/2"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.8352
321-15R 100X50	DI FLANGE 2 X9 150 (Pipe Size 2 x 4)	2"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.4168
321-15R 100X65	DI FLANGE 2 1/2X9 150 (Pipe Size 2-1/2 x 4)	2-1/2"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.3343
321-15R 100X80	DI FLANGE 3 X9 150 (Pipe Size 3 x 4)	3"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.081
321-15R 125X50	DI FLANGE 2X10 150 (Pipe Size 2 x 5)	2"X10"	10.00	8.50	0.94	1.44	φ0.875	8	7.8681
321-15R 125X80	DI FLANGE 3X10 150 (Pipe Size 3 x 5)	3"X10"	10.00	8.50	0.94	1.44	φ0.875	8	7.4398
321-15R 125X100	DI FLANGE 4 X10 150 (Pipe Size 4 x 5)	4"X10"	10.00	8.50	0.94	1.44	φ0.875	8	6.8761
321-15R 150X40	DI FLANGE 1 1/2 X11 150 (Pipe Size 1 1/2 x 6)	1-1/2" X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.4281
321-15R 150X50	DI FLANGE 2 X11 150 (Pipe Size 2 x 6)	2"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.6349

321-15R 150X65	DI FLANGE 2 1/2X11 150 (Pipe Size 2-1/2 x 6)	2-1/2"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.5386
321-15R 150X80	DI FLANGE 3 X11 150 (Pipe Size 3 x 6)	3"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.1831
321-15R 150X100	DI FLANGE 4 X11 150 (Pipe Size 4 x 6)	4"X11"	11.00	9.50	1.00	1.56	φ0.875	8	9.4563
321-15R 150X125	DI FLANGE 5 X11 150 (Pipe Size 5 x 6)	5"X11"	11.00	9.50	1.00	1.56	φ0.875	8	8.7529
321-15R 200X50	DI FLANGE 2 X13 1/2 150 (Pipe Size 2 x 8)	2"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	18.1736
321-15R 200X65	DI FLANGE 2 1/2 X13 1/2 150 (Pipe Size 2 1/2 x 8)	2-1/2" X13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	18.2309
321-15R 200X80	DI FLANGE 3 X13 1/2 150 (Pipe Size 3 x 8)	3"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	17.9689
321-15R 200X100	DI FLANGE 4 X13 1/2 150 (Pipe Size 4 x 8)	4" X13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	17.1296
321-15R 200X125	DI FLANGE 5 X13 1/2 150 (Pipe Size 5 x 8)	5"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	16.5166
321-15R 200X150	DI FLANGE 6 X13 1/2 150 (Pipe Size 6 x 8)	6"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	15.2184
321-15R 250X50	DI FLANGE 2 X16 150 R (Pipe Size 2 x 10)	2"X16"	16.00	14.25	1.19	1.94	φ1	12	26.54
321-15R 250X150	DI FLANGE 6 X16 150 R (Pipe Size 6 x 10)	6"X16"	16.00	14.25	1.19	1.94	φ1	12	20.9164
321-15R 250X200	DI FLANGE 8 X16 150 R (Pipe Size 8 x 10)	8"X16"	16.00	14.25	1.19	1.94	φ1	12	23.6565
321-15R 300X50	DI FLANGE 2 X 19 150 R (Pipe Size 2 x 12)	2"X 19"	19.00	17.00	1.25	2.19	φ1	12	40.157



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

www.tssa.org

April 16, 2020

MILLER WEST
MISTER CRN CONSULTING INC.
PO BOX 488
MONTAGUE PE C0A 1R0
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2829148
Your Reference No.: LOG 2581
Registered to: JINAN MEIDE CASTING COMPANY

Dear MILLER WEST,

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

CRN No.: **OB3184.75**
Main Design No.: DUCTILE IRON FLANGE CATALOG
Expiry Date: 16-Apr-2030

Note: Design registration completed under interprovincial agreement with jurisdictional check only

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

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,

Alan Wu P. Eng.
Mechanical Engineer, BPV
Tel. : 416-734-3443
Fax : 416-231-6183
Email : awu@tssa.org



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



STATUTORY DECLARATION Registration of Fittings

I, Zhan Lei, Product Manager
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Jinan Meide Casting Co., Ltd.
(Name of Manufacturer)

Located at Meide Science and Technology Park, Pingyin Industrial Park, Jinan 86 531 87856142 86 531 87879387
(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 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 which has been verified by the following authority, BVQI

The items covered by this declaration, for which I seek registration, are category Category B Flange type fittings. In support of this application, the following information and/or test data are attached as follows: ISO9001 certificate. Flange Catalogue.

(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____

the _____ day of _____ AD 20_____.

Commissioner for Oaths:

(Printed name)

(Signature)

Zhan Lei 展雷

(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 B.

CRN: 0B3184.75

Registered by: Alan Wu

Dated: April 16, 2020

NOTE: This registration expires on _____

April 16, 2030

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0B3184.75

Signed: Alan Wu

Date: April 16, 2020.

Design shall be in accordance with ASME B16.42

公 证 书

(2020)鲁济南齐鲁证外字第 58 号

申请人：玫德集团有限公司，登记注册地址：山东省济南市平阴县工业园区玫德玛钢科技园。

法定代表人：于瑞水，男，一九七二年八月三日出生，公民身份号码：370124197208033058。

公证事项：签名、印鉴

兹证明法定代表人的代理人展雷于二〇二〇年一月二日来到我处，在本公证员的面前，在前面的英文《声明》上签名并加盖“玫德集团有限公司”的印章。

THIS IS PART OF CRN
0B3184.75
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

中华人民共和国山东省济南市齐鲁公证处

公证员

步艳丽



L102862395

NOTARIAL CERTIFICATE

(2020) Lu Jinan Qilu Zheng Wai Zi No.58

Applicant: Jinan Meide Casting Co., Ltd., Registered Address:
Meide Science and Technology Park, Pingyin Industrial Park, Jinan,
Shandong Province.

Legal Representative: Yu Ruishui, male, born on August 3,
1972, Citizen Identity No.370124197208033058.

Issue under notarization: signature and seal

This is to certify that Zhan Lei, agent of legal representative,
came to our notary public office, signed the foregoing English
Statutory Declaration, and affixed the seal of Jinan Meide Casting
Co., Ltd. on it on January 2, 2020 before me, the notary public.

Qilu Notary Public Office
Jinan City, Shandong Province
The People's Republic of China
Notary Public: Bu Yanli

January 2, 2020



L I 02862403



玫德集团有限公司
JINAN MEIDE CASTING CO., LTD.

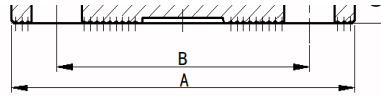
THIS IS PART OF CRN
 0B3184.75
 Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety
 Program

Address: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China Http://www.meide-casting.com
 Phone: (86)531 87885036 87879384 Fax: (86)531 87879387

Ductile Iron Flanges Class 150 & 300					
					
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">*Blind Flanges' sizes: 1" – 12"</td> <td style="width: 50%; text-align: center;">*Threaded Flanges' sizes: 1/2" – 12"</td> </tr> <tr> <td style="text-align: center;">*Hydrant Flanges' size: 6"</td> <td style="text-align: center;">*Reducing Flanges' sizes: 1-1/4"x6" – 2"x19"</td> </tr> </table>	*Blind Flanges' sizes: 1" – 12"	*Threaded Flanges' sizes: 1/2" – 12"	*Hydrant Flanges' size: 6"	*Reducing Flanges' sizes: 1-1/4"x6" – 2"x19"
	*Blind Flanges' sizes: 1" – 12"	*Threaded Flanges' sizes: 1/2" – 12"			
*Hydrant Flanges' size: 6"	*Reducing Flanges' sizes: 1-1/4"x6" – 2"x19"				
Standards and Specifications					
*Material: conform to ASTM A536, grade 65-45-12					
*Dimensions, faced and drilled in accordance with ASME B16.42					
*Coating: Available in black electrophoretic coating and hot dip galvanized					
* Threads conform to ASME B1.20.1					

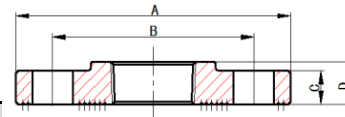


Flange Class 150 (Black & Galvanized)



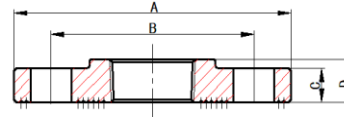
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321-15M 50	DUCTILE IRON FLANGE 2 150 BLIND	2"	6	4.75	0.75	φ0.75	4	2.3731
321-15M 65	DUCTILE IRON FLANGE 2 1/2 150 BLIND	2-1/2"	7	5.5	0.88	φ0.75	4	4.228
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321-15M 125	DUCTILE IRON FLANGE 5 150 BLIND	5"	10	8.5	0.94	φ0.875	8	7.9894
321-15M 150	DUCTILE IRON FLANGE 6 150 BLIND	6"	11	9.5	1	φ0.875	8	10.811
321-15M 200	DUCTILE IRON FLANGE 8 150 BLIND	8"	13.5	11.75	1.12	φ0.875	8	18.6264
321-15M 250	DUCTILE IRON FLANGE 10 150 BLIND	10"	16	14.25	1.19	φ1	12	26.2487
321-15M 300	DUCTILE IRON FLANGE 12 150 BLIND	12"	19	17	1.25	φ1	12	39.5315

Flange Class 150 (Black & Galvanized)



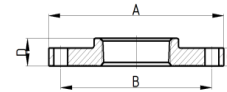
Item No.	Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
321-15 25	DUCTILE IRON FLANGE 1 150 THREADED	1"	4.25	3.12	0.56	0.69	φ0.625	4	0.8347
321-15 32	DUCTILE IRON FLANGE 1 1/4 150 THREADED	1-1/4"	4.62	3.5	0.62	0.81	φ0.625	4	1.0797
321-15 40	DUCTILE IRON FLANGE 1 1/2 150 THREADED	1-1/2"	5	3.88	0.69	0.88	φ0.625	4	1.3217
321-15 50	DUCTILE IRON FLANGE 2 150 THREADED	2"	6	4.75	0.75	1	φ0.75	4	2.1457
321-15 65	DUCTILE IRON FLANGE 2 1/2 150 THREADED	2-1/2"	7	5.5	0.88	1.12	φ0.75	4	3.4182
321-15 80	DUCTILE IRON FLANGE 3 150 THREADED	3"	7.5	6	0.94	1.19	φ0.75	4	3.9051
321-15 100	DUCTILE IRON FLANGE 4 150 THREADED	4"	9	7.5	0.94	1.31	φ0.75	8	5.5254
321-15 125	DUCTILE IRON FLANGE 5 150 THREADED	5"	10	8.5	0.94	1.44	φ0.875	8	6.0838
321-15 150	DUCTILE IRON FLANGE 6 150 THREADED	6"	11	9.5	1	1.56	φ0.875	8	7.5328
321-15 200	DUCTILE IRON FLANGE 8 150 THREADED	8"	13.5	11.75	1.12	1.75	φ0.875	8	13.0201
321-15 250	DUCTILE IRON FLANGE 10 150 THREADED	10"	16	14.25	1.19	1.94	φ1	12	22.854
321-15 300	DUCTILE IRON FLANGE 12 150 THREADED	12"	19	17	1.25	2.19	φ1	12	26.5451

Flange Class 300 (Black & Galvanized)



Item No.	Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
321-30 50	DUCTILE IRON FLANGE 2 300 THREADED	2"	6.5	5	0.88	1.31	φ0.75	8	2.8935
321-30 65	DUCTILE IRON FLANGE 2 1/2 300 THREADED	2-1/2"	7.5	5.88	1	1.5	φ0.875	8	4.2908
321-30 80	DUCTILE IRON FLANGE 3 300 THREADED	3"	8.25	6.62	1.12	1.69	φ0.875	8	5.5423
321-30 100	DUCTILE IRON FLANGE 4 300 THREADED	4"	10	7.88	1.25	1.88	φ0.875	8	9.7755
321-30 150	DUCTILE IRON FLANGE 6 300 THREADED	6"	12.5	10.62	1.44	2.06	φ0.875	12	15.4413
321-30 200	DUCTILE IRON FLANGE 8 300 THREADED	8"	15	13	1.62	2.44	φ1	12	24.5648

Reducing Flange Class 150 (Black & Galvanized)



Item No.	Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
321-15R 50X32	DI FLANGE 1 1/4X6 150 (Pipe Size 1-1/4 x 2)	1-1/4"x6"	6.00	5.50	0.75	1.00	φ0.75	4	2.3309
321-15R 50X40	DI FLANGE 1 1/2X6 150 (Pipe Size 1-1/2 x 2)	1-1/2"x6"	6.00	5.50	0.75	1.00	φ0.75	4	2.2557
321-15R 65X40	DI FLANGE 1 1/2X7 150 (Pipe Size 1-1/2 x 2-1/2)	1-1/2"x7"	7.00	5.50	0.88	1.12	φ0.75	4	3.809
321-15R 65X50	DI FLANGE 2 X7 150 (Pipe Size 2 x 2-1/2)	2" X7"	7.00	5.50	0.88	1.12	φ0.75	4	3.5367
321-15R 80X40	DI FLANGE 1 1/2X7 1/2 150 (Pipe Size 1-1/2 x 3)	1-1/2"x7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.454
321-15R 80X50	DI FLANGE 2 X7 1/2 150 (Pipe Size 2 x 3)	2" X7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.3827
321-15R 80X65	DI FLANGE 2 1/2X7 1/2 150 (Pipe Size 2-1/2 x 3)	2-1/2"x7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.2013
321-15R 100X40	DI FLANGE 1 1/2X9 150 (Pipe Size 1-1/2 x 4)	1-1/2"x9"	9.00	7.50	0.94	1.31	φ0.75	8	6.8352
321-15R 100X50	DI FLANGE 2 X9 150 (Pipe Size 2 x 4)	2"x9"	9.00	7.50	0.94	1.31	φ0.75	8	6.4168
321-15R 100X65	DI FLANGE 2 1/2X9 150 (Pipe Size 2-1/2 x 4)	2-1/2"x9"	9.00	7.50	0.94	1.31	φ0.75	8	6.3343
321-15R 100X80	DI FLANGE 3 X9 150 (Pipe Size 3 x 4)	3"x9"	9.00	7.50	0.94	1.31	φ0.75	8	6.081
321-15R 125X50	DI FLANGE 2X10 150 (Pipe Size 2 x 5)	2"x10"	10.00	8.50	0.94	1.44	φ0.875	8	7.8681
321-15R 125X80	DI FLANGE 3X10 150 (Pipe Size 3 x 5)	3"x10"	10.00	8.50	0.94	1.44	φ0.875	8	7.4398
321-15R 125X100	DI FLANGE 4 X10 150 (Pipe Size 4 x 5)	4"x10"	10.00	8.50	0.94	1.44	φ0.875	8	6.8761
321-15R 150X40	DI FLANGE 1 1/2 X11 150 (Pipe Size 1 1/2 x 6)	1-1/2" X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.4281
321-15R 150X50	DI FLANGE 2 X11 150 (Pipe Size 2 x 6)	2"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.6349

321-15R 150X65	DI FLANGE 2 1/2X11 150 (Pipe Size 2-1/2 x 6)	2-1/2"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.5386
321-15R 150X80	DI FLANGE 3 X11 150 (Pipe Size 3 x 6)	3"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.1831
321-15R 150X100	DI FLANGE 4 X11 150 (Pipe Size 4 x 6)	4"X11"	11.00	9.50	1.00	1.56	φ0.875	8	9.4563
321-15R 150X125	DI FLANGE 5 X11 150 (Pipe Size 5 x 6)	5"X11"	11.00	9.50	1.00	1.56	φ0.875	8	8.7529
321-15R 200X50	DI FLANGE 2 X13 1/2 150 (Pipe Size 2 x 8)	2"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	18.1736
321-15R 200X65	DI FLANGE 2 1/2 X13 1/2 150 (Pipe Size 2 1/2 x 8)	2-1/2" X13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	18.2309
321-15R 200X80	DI FLANGE 3 X13 1/2 150 (Pipe Size 3 x 8)	3"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	17.9689
321-15R 200X100	DI FLANGE 4 X13 1/2 150 (Pipe Size 4 x 8)	4" X13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	17.1296
321-15R 200X125	DI FLANGE 5 X13 1/2 150 (Pipe Size 5 x 8)	5"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	16.5166
321-15R 200X150	DI FLANGE 6 X13 1/2 150 (Pipe Size 6 x 8)	6"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	15.2184
321-15R 250X50	DI FLANGE 2 X16 150 R (Pipe Size 2 x 10)	2"X16"	16.00	14.25	1.19	1.94	φ1	12	26.54
321-15R 250X150	DI FLANGE 6 X16 150 R (Pipe Size 6 x 10)	6"X16"	16.00	14.25	1.19	1.94	φ1	12	20.9164
321-15R 250X200	DI FLANGE 8 X16 150 R (Pipe Size 8 x 10)	8"X16"	16.00	14.25	1.19	1.94	φ1	12	23.6565
321-15R 300X50	DI FLANGE 2 X 19 150 R (Pipe Size 2 x 12)	2"X 19"	19.00	17.00	1.25	2.19	φ1	12	40.157



5/13/2020

Mister CRN Consulting Inc.
Box 488
Montague, PEI C0A 1R0

Dear Miller Wet

Re: Reciprocal CRN Registration in Manitoba

Your application indicates that a CRN has been received in another Canadian Jurisdiction, and therefore your CRN has been registered in Manitoba as follows:

File Number: 74-R627
CRN: 0B3184.74
Scope: Catalog, description of Flange Class of 150 & 300 and Reducing Flange 150
Manufacturer: Jinan Meide Casting Co Ltd
Expiry Date: 3/Apr/30

Please find attached invoice for registration.

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, a CRN issued in any Canadian Jurisdiction will be accepted for use in Manitoba.

In accordance with Steam and Pressure Plants Regulation and CSA B51, it is the manufacturer's responsibility to file a Manufacturers Data Report, including partial data reports, with our office, prior to shipping pressure equipment to Manitoba.

Please contact me directly via email at Cheryl.Lashek@gov.mb.ca for any questions or concerns.

Cheryl Lashek, P.Eng
Director, ITSM
Inspection and Technical Services
Office of the Fire Commissioner
508 - 401 York Avenue, Winnipeg Manitoba R3C 0P8
T (204) 945-3507 | F (204) 948-2309

June 11, 2020

Attention: Miller West
MISTER CRN CONSULTING INC
BOX 488
MONTAGUE, PE C0A 1R0

The design submission, tracking number 2020-02085, originally received on April 15, 2020 was surveyed and closed for registration as follows:

CRN : Not Issued **Closed on:** June 11, 2020
Reg Type: NEW DESIGN
Drawing No. : DUCTILE IRON FLANGE CATALOGUE
Fitting type: CLASS 150 & 300 DUCTILE IRON FLANGES

- As per the June 11, 2020 email received, it is our understanding that Jinan Meide Castings Co., Ltd. no longer seeks registration of this catalogue for use in Alberta. The application has been closed without registration. All hard copy documentation associated with this application will be destroyed.

Please note that these ductile iron flanges shall not be used as pressure equipment in the Province of Alberta.

An invoice covering survey 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 3350 or fax (780) 437-7787 or e-mail Turgeon@absa.ca.

Sincerely,



TURGEON, JASON, P. Eng.
DOP Cert. No. D00009354

MISTER CRN CONSULTING INC.
PO BOX 488
MONTAGUE PE C0A 1R0

Date: May 11, 2020
Account #: 59720
Journal #: 75647

Attn: W A MILLER WEST

Re: Application for Design Registration

The design, as detailed in your, Flange catalog, for a Fitting is accepted for registration as follows:

Registered To: JINAN MEIDE CASTING CO LTD **CRN:** 0B3184.71

Drawing #: Flange catalog

Drawing Revision: N/A

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on 03-Apr-2020. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void. Any additional conditions of registration stated in New Brunswick CRN# 0B3184.7 registration shall apply to BC registration.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

Janina Mihailescu

janina.mihailescu@technicalsaftybc.ca
Design Administration

cc:

REGISTRATION OF A PRESSURE FITTING DESIGN

11-Jun-20

Mister CRN Consulting Inc.
PO Box 488
Montague, PEI
COA 1R0

Attention: Miller West

File Number: 11490 [0 F]

Re: Manufacturer: JINAN MEIDE CASTING CO., LTD
Item: Flanges
Catalog or Drawing: See product catalog

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OB3184.73 Expiry Date: April 03, 2030

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

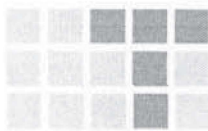
Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,



Liting (Frank) Huang, P.Eng.
Codes and Standards Compliance

Remarks:




Statutory Declaration (Registration of Filings)

TSK-1008

I. Declaration Information

I, Zhan Lei
Product Manager
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)
of: Jinan Meide Casting Co., Ltd.
(name of manufacturer)

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



located at: Meide Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China 250400
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety 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 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, BVQI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category B Flange

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

ISO9001 certificate. flange Catalogue.

II. Declaration

DECLARED before me at _____ In the _____ of _____
this _____ day of _____
(print name) (Signature) Zhan lei 张雷
(Signature of Commissioner of Oaths)



III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and **CSA B51, Clause 4.2**, and is accepted for registration in Category _____

(Registration Number) _____ (Date Registered – MM DD YYYY) _____ (Expiry Date – MM DD YYYY) _____
(For the Administrator / Chief Inspector)



Registration No. OB3184.73
File No. 11490
Registered
Date: June 11, 2020
Expiry Date: April 03, 2030
Codes & Standards Compliance Office

公 证 书

(2020)鲁济南齐鲁证外字第56号

申请人：玫德集团有限公司，登记注册地址：山东省济南市平阴县工业园区玫德玛钢科技园。

法定代表人：于瑞水，男，一九七二年八月三日出生，公民身份号码：370124197208033058。

公证事项：签名、印鉴

兹证明法定代表人的代理人展雷于二〇二〇年一月二日来到我处，在本公证员的面前，在前面的英文《声明》上签名并加盖“玫德集团有限公司”的印章。

中华人民共和国山东省济南市齐鲁公证处

公证员

步艳丽



L102862379

NOTARIAL CERTIFICATE

(2020) Lu Jinan Qilu Zheng Wai Zi No.56

Applicant: Jinan Meide Casting Co., Ltd., Registered Address: Meide Science and Technology Park, Pingyin Industrial Park, Jinan, Shandong Province.

Legal Representative: Yu Ruishui, male, born on August 3, 1972, Citizen Identity No.370124197208033058.

Issue under notarization: signature and seal

This is to certify that Zhan Lei, agent of legal representative, came to our notary public office, signed the foregoing English Statutory Declaration, and affixed the seal of Jinan Meide Casting Co., Ltd. on it on January 2, 2020 before me, the notary public.

Qilu Notary Public Office

Jinan City, Shandong Province

The People's Republic of China

Notary Public: Bu Yanli

January 2, 2020

L I 02862383

玫德集团有限公司

JINAN MEIDE CASTING CO., LTD.

Science and Technology Park, Pingyin Industrial Park, Jinan Shandong Province, China [Http://www.meide-casting.com](http://www.meide-casting.com)
 Phone: (86)531 87885036 87879384 Fax: (86)531 87879387

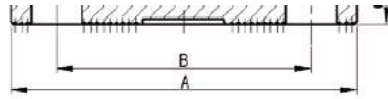
Class 150 & 300		
	*Blind Flanges' sizes: 1" – 12"	*Threaded Flanges' sizes: 1/2" – 12"
	*Hydrant Flanges' size: 6"	*Reducing Flanges' sizes: 1-1/4"x6" – 2"x19"

Standards and Specifications

- *Material: conform to ASTM A536, grade 65-45-12
- *Dimensions, faced and drilled in accordance with ASME B16.42
- *Coating: Available in black electrophoretic coating and hot dip galvanized
- * Threads conform to ASME B1.20.1

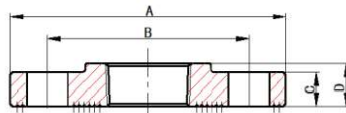


vanized)



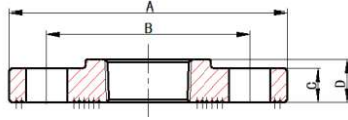
Description	Size (inch)	A (inch)	B (inch)	C (inch)	Bolt hole size	No. of holes	Unit weight (kg)
FLANGE 1 150 BLIND	1"	4.25	3.12	0.56	φ0.625	4	0.8258
FLANGE 1 1/2 150 BLIND	1-1/2"	5	3.88	0.69	φ0.625	4	1.4652
FLANGE 2 150 BLIND	2"	6	4.75	0.75	φ0.75	4	2.3731
FLANGE 2 1/2 150 BLIND	2-1/2"	7	5.5	0.88	φ0.75	4	4.228
FLANGE 3 150 BLIND	3"	7.5	6	0.94	φ0.75	4	4.8547
FLANGE 4 150 BLIND	4"	9	7.5	0.94	φ0.75	8	6.5341
FLANGE 5 150 BLIND	5"	10	8.5	0.94	φ0.875	8	7.9894
FLANGE 6 150 BLIND	6"	11	9.5	1	φ0.875	8	10.811
FLANGE 8 150 BLIND	8"	13.5	11.75	1.12	φ0.875	8	18.6264
FLANGE 10 150 BLIND	10"	16	14.25	1.19	φ1	12	26.2487
FLANGE 12 150 BLIND	12"	19	17	1.25	φ1	12	39.5315

vanized)



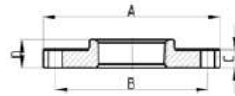
Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
FLANGE 1 150 THREADED	1"	4.25	3.12	0.56	0.69	φ0.625	4	0.8347
FLANGE 1 1/4 150 THREADED	1-1/4"	4.62	3.5	0.62	0.81	φ0.625	4	1.0797
FLANGE 1 1/2 150 THREADED	1-1/2"	5	3.88	0.69	0.88	φ0.625	4	1.3217
FLANGE 2 150 THREADED	2"	6	4.75	0.75	1	φ0.75	4	2.1457
FLANGE 2 1/2 150 THREADED	2-1/2"	7	5.5	0.88	1.12	φ0.75	4	3.4182
FLANGE 3 150 THREADED	3"	7.5	6	0.94	1.19	φ0.75	4	3.9051
FLANGE 4 150 THREADED	4"	9	7.5	0.94	1.31	φ0.75	8	5.5254
FLANGE 5 150 THREADED	5"	10	8.5	0.94	1.44	φ0.875	8	6.0838
FLANGE 6 150 THREADED	6"	11	9.5	1	1.56	φ0.875	8	7.5328
FLANGE 8 150 THREADED	8"	13.5	11.75	1.12	1.75	φ0.875	8	13.0201
FLANGE 10 150 THREADED	10"	16	14.25	1.19	1.94	φ1	12	22.854
FLANGE 12 150 THREADED	12"	19	17	1.25	2.19	φ1	12	26.5451

Galvanized)



Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
FLANGE 2 300 THREADED	2"	6.5	5	0.88	1.31	φ0.75	8	2.8935
FLANGE 2 1/2 300 THREADED	2-1/2"	7.5	5.88	1	1.5	φ0.875	8	4.2908
FLANGE 3 300 THREADED	3"	8.25	6.62	1.12	1.69	φ0.875	8	5.5423
FLANGE 4 300 THREADED	4"	10	7.88	1.25	1.88	φ0.875	8	9.7755
FLANGE 6 300 THREADED	6"	12.5	10.62	1.44	2.06	φ0.875	12	15.4413
FLANGE 8 300 THREADED	8"	15	13	1.62	2.44	φ1	12	24.5648

Black & Galvanized)



Description	Size (inch)	A (inch)	B (inch)	C (inch)	D (inch)	Bolt hole size	No. of holes	Unit weight (kg)
4X6 150 (Pipe Size 1-1/4 x 2)	1-1/4"x6"	6.00	5.50	0.75	1.00	φ0.75	4	2.3309
2X6 150 (Pipe Size 1-1/2 x 2)	1-1/2"x6"	6.00	5.50	0.75	1.00	φ0.75	4	2.2557
7 150 (Pipe Size 1-1/2 x 2-1/2)	1-1/2"x7"	7.00	5.50	0.88	1.12	φ0.75	4	3.809
7 150 (Pipe Size 2 x 2-1/2)	2" X7"	7.00	5.50	0.88	1.12	φ0.75	4	3.5367
7 1/2 150 (Pipe Size 1-1/2 x 3)	1-1/2"x7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.454
7 1/2 150 (Pipe Size 2 x 3)	2" X7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.3827
7 1/2 150 (Pipe Size 2-1/2 x 3)	2-1/2"X7-1/2"	7.50	6.00	0.94	1.19	φ0.75	4	4.2013
2X9 150 (Pipe Size 1-1/2 x 4)	1-1/2"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.8352
2 X9 150 (Pipe Size 2 x 4)	2"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.4168
2X9 150 (Pipe Size 2-1/2 x 4)	2-1/2"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.3343
3 X9 150 (Pipe Size 3 x 4)	3"X9"	9.00	7.50	0.94	1.31	φ0.75	8	6.081
2X10 150 (Pipe Size 2 x 5)	2"X10"	10.00	8.50	0.94	1.44	φ0.875	8	7.8681
3X10 150 (Pipe Size 3 x 5)	3"X10"	10.00	8.50	0.94	1.44	φ0.875	8	7.4398
X10 150 (Pipe Size 4 x 5)	4"X10"	10.00	8.50	0.94	1.44	φ0.875	8	6.8761
X11 150 (Pipe Size 1 1/2 x 6)	1-1/2" X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.4281
X11 150 (Pipe Size 2 x 6)	2"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.6349

X11 150 (Pipe Size 2-1/2 x 6)	2-1/2"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.5386
X11 150 (Pipe Size 3 x 6)	3"X11"	11.00	9.50	1.00	1.56	φ0.875	8	10.1831
X11 150 (Pipe Size 4 x 6)	4"X11"	11.00	9.50	1.00	1.56	φ0.875	8	9.4563
X11 150 (Pipe Size 5 x 6)	5"X11"	11.00	9.50	1.00	1.56	φ0.875	8	8.7529
13 1/2 150 (Pipe Size 2 x 8)	2"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	18.1736
13 1/2 150 (Pipe Size 2 1/2 x 8)	2-1/2" X13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	18.2309
13 1/2 150 (Pipe Size 3 x 8)	3"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	17.9689
13 1/2 150 (Pipe Size 4 x 8)	4" X13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	17.1296
13 1/2 150 (Pipe Size 5 x 8)	5"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	16.5166
13 1/2 150 (Pipe Size 6 x 8)	6"X 13-1/2"	13.50	11.75	1.12	1.75	φ0.875	8	15.2184
16 150 R (Pipe Size 2 x 10)	2"X16"	16.00	14.25	1.19	1.94	φ1	12	26.54
16 150 R (Pipe Size 6 x 10)	6"X16"	16.00	14.25	1.19	1.94	φ1	12	20.9164
16 150 R (Pipe Size 8 x 10)	8"X16"	16.00	14.25	1.19	1.94	φ1	12	23.6565
19 150 R (Pipe Size 2 x 12)	2"X 19"	19.00	17.00	1.25	2.19	φ1	12	40.157