


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 Mech Piping Technology Co., Ltd.	
MANUFACTURERS ADDRESS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
PLANT LOCATIONS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<p>A <input checked="" type="checkbox"/> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B <input type="checkbox"/> Flanges: all flanges</p> <p>C <input type="checkbox"/> Valves: all line valves</p> <p>D <input type="checkbox"/> Expansion joints, flexible connections, and hose assemblies all types</p> <p>E <input type="checkbox"/> Strainers, filters, separators, and steam traps</p> <p>F <input type="checkbox"/> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G <input type="checkbox"/> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H <input type="checkbox"/> Pressure retaining components that do not fall into one of the above categories</p> <p>N <input type="checkbox"/> 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>see attached list 1</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<p>Jinan Mech Piping Technology Co., Ltd.</p> 	<p>TYPE OF CONSTRUCTION</p> <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:	
ISO9001 certificate, Pipe fittings Catalogue.	

DECLARATION: I, Li Pengchang (see note 3) employed by Jinan Mech Piping Technology 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 CCM 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: Li Pengchang

Declared before me at Jinan in the People's Republic of China

This 22 day of February AD 2022

Commissioner of Oaths
or Notary Public. (sign)

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A3335.7</u>	ACCEPTED
FID#: <u>16204</u>	PROVINCE OF PRINCE EDWARD ISLAND
	COMMUNITIES, LAND & ENVIRONMENT
	CRN: <u>0A3335.79</u>
	DATE: <u>April 1 2022</u>
	<u>[Signature]</u>
	INSPECTION SERVICES SECTION
	BOILER/PRESSURE VESSEL BRANCH
	Sect 10 - Fittings Rev 1 05/2003

Pipe Nipples, Brass (1/8" to 8"; Sch.Std., XS), Steel (1/8" to 8"; Sch.40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch.Sch.40, 80); Dielectric steel (1/2" to 4"; Sch.40). (DG)


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NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Jinan Mech Piping Technology Co., Ltd.	
MANUFACTURERS ADDRESS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
PLANT LOCATIONS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
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>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, levelts, 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>LIVE OF THE STANDARD OF CONSTRUCTION</p> <p>see attached list 1</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<p>Jinan Mech Piping Technology Co., Ltd.</p> 	<p>TYPE OF CONSTRUCTION</p> <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:	
ISO9001 certificate, Pipe fittings Catalogue.	

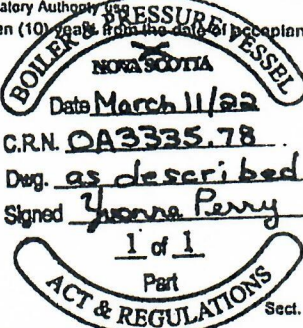
DECLARATION: I, Li Pengchang (see note 3) employed by Jinan Mech Piping Technology Co., Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents 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 BOE 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:

Declared before me:

This 22 day of February 2022

Commissioner of Oaths
or Notary Public: (sign)

<p align="center">This space for Regulatory Authority Use</p> <p align="center">This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
CRN: <u>0A3335.7</u>	 <p align="center">Date <u>March 11/22</u></p> <p align="center">C.R.N. <u>0A3335.78</u></p> <p align="center">Des. <u>as described</u></p> <p align="center">Signed <u>Yvonne Perry</u></p> <p align="center"><u>1 of 1</u></p> <p align="center">Part</p> <p align="center">ACT & REGULATIONS</p> <p align="right">Sect. 1.0 - Fittings Rev. 1 06/2003</p>
FID#: <u>16204</u>	
Notes	
<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>	

Pipe Nipples. Brass (1/8" to 8"; Sch.Std., XS), Steel (1/8" to 8"; Sch.40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch.Sch.40, 80); Dielectric steel (1/2" to 4"; Sch.40). (DG)


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NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Jinan Mech Piping Technology Co., Ltd.	
MANUFACTURERS ADDRESS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
PLANT LOCATIONS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
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>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>see attached list 1</p>
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<p>Jinan Mech Piping Technology Co., Ltd.</p> 	<p>TYPE OF CONSTRUCTION</p> <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:	
ISO9001 certificate. Pipe fittings Catalogue.	

DECLARATION: I, Li Pengchang (see note 3) employed by Jinan Mech Piping Technology 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 CCM 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: 李明昌 Li Pengchang

Declared before me at Jinan in the People's Republic of China

This 22 day of February AD 2022

Commissioner of Oaths or Notary Public. (sign) _____

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This registration must be revalidated after ten (10) years from the date of acceptance.	
<p>CRN: <u>0A3335.7</u></p> <p>FID#: <u>16204</u></p>	<p>CRN: <u>0A3335.7</u></p> <p><u>Ran Arora</u> CHIEF BOILER INSPECTOR</p> <p>DATE <u>3/11/22</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><input type="checkbox"/> BLRs <input type="checkbox"/> PVs</p> <p><input checked="" type="checkbox"/> FITTINGS <input type="checkbox"/> NUCLEAR COMPONENTS</p>

Pipe Nipples. Brass (1/8" to 8"; Sch.Std., XS), Steel (1/8" to 8"; Sch.40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch.Sch.40, 80); Dielectric steel (1/2" to 4"; Sch.40). (DG)


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
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NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Jinan Mech Piping Technology Co., Ltd.	
MANUFACTURERS ADDRESS: Meigui Zone of Industrial Park, Pingyin, Jinan, China.	
PLANT LOCATIONS: Meigui Zone of Industrial Park, Pingyin, Jinan, China.	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<p><input type="radio"/> A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p><input type="radio"/> B Flanges - all flanges</p> <p><input type="radio"/> C Valves - all line valves</p> <p><input type="radio"/> D Expansion joints, flexible connections, and hose assemblies - all types</p> <p><input type="radio"/> E Strainers, filters, separators, and steam traps</p> <p><input type="radio"/> F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p><input type="radio"/> G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p><input type="radio"/> H Pressure retaining components that do not fall into one of the above categories</p> <p><input type="radio"/> 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 MATERIAL OF CONSTRUCTION</p> <p>see attached list 1</p>
SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<p>Jinan Mech Piping Technology Co., Ltd.</p> 	<p>TYPE OF FITTING</p> <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:	
ISO9001 certificate, Pipe fittings Catalogue.	

DECLARATION: I, Li Pengchang (see note 3) employed by Jinan Mech Piping Technology 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 QCM 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: Li Pengchang

Declared before me at Jinan in the People's Republic of China on this 22 day of February 2022


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

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0A3335.7</u>	Labrador
FID#: <u>16204</u>	Service NL
Notes	Registered: <u>0A3335.70</u>
1 All fittings shall be registered in the name of the Manufacturer	Date: <u>13 MAR 2022</u>
2 Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	Engineering and Inspection Services
3 The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	Registered by: <u>[Signature]</u>
4 Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMBUSTIBLE GAS REGULATIONS

Pipe Nipples, Brass (1/8" to 8"; Sch.Std., XS), Steel (1/8" to 8"; Sch.40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch.Sch.40, 80); Dielectric steel (1/2" to 4"; Sch.40). (DG)

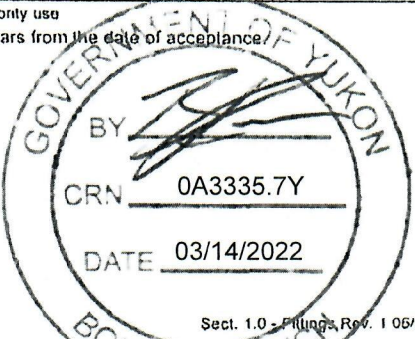
UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Jinan Mech Piping Technology Co., Ltd.	
MANUFACTURERS ADDRESS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
PLANT LOCATIONS: Meigui Zone of Industrial Park, Pingyin, Jinan, 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 see attached list 1
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT Jinan Mech Piping Technology Co., Ltd. <div style="text-align: center;">  </div>	
TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT L. 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, Pipe fittings Catalogue.	

DECLARATION: I, Li Pengchang (see note 3) employed by Jinan Mech Piping Technology 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 CQM 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: Li Pengchang
 Declared before me at Jinan in the People's Republic of China
 This 22 day of February, 2022
 Commissioner of Oaths or Notary Public: (sign) [Signature]

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CRN: <u>0A3335.7</u>	<div style="text-align: center;">  </div>
FID#: <u>16204</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.	
BY <u>[Signature]</u> CRN <u>0A3335.7Y</u> DATE <u>03/14/2022</u> Sect. 1.0 - Fittings, Rev. 1 06/2003	

Pipe Nipples. Brass (1/8" to 8"; Sch.Std., XS), Steel (1/8" to 8"; Sch.40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch.Sch.40, 80); Dielectric steel (1/2" to 4"; Sch.40). (DG)

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NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Jinan Mech Piping Technology Co., Ltd.	
MANUFACTURERS ADDRESS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
PLANT LOCATIONS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
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SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT Jinan Mech Piping Technology Co., Ltd.	
TYPE OF FABRICATION: FORGED <input type="checkbox"/> WELDED <input checked="" 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. Pipe fittings Catalogue.	

DECLARATION: I, Li Pengchang (see note 2) employed by Jinan Mech Piping Technology 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 COM. 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: Li Pengchang

Declared before me at Jinan in the People's Republic of China

This 22 day of February 2022

Commissioner of Oaths or Notary Public. (sign)

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CRN: <u>0A3335.7</u>	Northwest Territories REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. C.R.N. <u>0A3335.7</u> SIGNED <u>[Signature]</u> DATE <u>March 15 2022</u>
FID#: <u>16204</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.	

Pipe Nipples. Brass (1/8" to 8"; Sch.Std., XS), Steel (1/8" to 8"; Sch.40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch.Sch.40, 80); Dielectric steel (1/2" to 4"; Sch.40). (DG)


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NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Jinan Mech Piping Technology Co., Ltd.	
MANUFACTURERS ADDRESS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
PLANT LOCATIONS: Meigui Zone of Industrial Park, Pingyin, Jinan, China,	
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<p>A <input checked="" type="checkbox"/> Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B <input type="checkbox"/> Flanges all flanges</p> <p>C <input type="checkbox"/> Valves all line valves</p> <p>D <input type="checkbox"/> Expansion joints, flexible connections, and hose assemblies all types</p> <p>E <input type="checkbox"/> Strainers, filters, separators, and steam traps</p> <p>F <input type="checkbox"/> Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G <input type="checkbox"/> Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers pressure vessels, piping and fusible plugs</p> <p>H <input type="checkbox"/> Pressure retaining components that do not fall into one of the above categories</p> <p>N <input type="checkbox"/> Nuclear components Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>DATE OF THE STANDARD OF CONSTRUCTION</p> <p>see attached list 1</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> <p>Jinan Mech Piping Technology Co., Ltd.</p> <div align="center">  </div>	
<p>TYPE OF CONSTRUCTION</p> <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>	
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>ISO9001 certificate. Pipe fittings Catalogue.</p>	

DECLARATION: I, Li Pengchang (see note 2) employed by Jinan Mech Piping Technology 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 QCM. Jinan Mech Piping Technology Co., Ltd. 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: Li Pengchang

Declared before me at Jinan in the People's Republic of China

This 22 day of February 2022

Commissioner of Oaths
or Notary Public: (sign)

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CRN: 0A3335.7

FID#: 16204

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.

 NUNAVUT Boilers and Pressure Vessels Act	
REGISTERED	
CRN	<u>0A3335.7-N</u>
Date	<u>March 11/2022</u>
Signed	<u>[Signature]</u>
Sect 10 Fittings Rule 15-2003 Chief Inspector	
Territorial Registration Fee	

Pipe Nipples. Brass (1/8" to 8"; Sch. Std., XS), Steel (1/8" to 8"; Sch. 40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch. Sch. 40, 80); Dielectric steel (1/2" to 4"; Sch. 40). (DG)

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

Date: May 4, 2022
Account #: 59720
Journal #: 80209

Attn: MILLER

Re: Application for Design Registration

The design, as detailed in your, 3097, for a Fitting is accepted for registration as follows:

Registered To: JINAN MECH PIPING **CRN:** 0A3335.71
TECHNOLOGY CO, LTD.

Drawing #: Pipe Fittings Catalogue

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 11-Mar-2032. 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# 0A3335.7 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@technicalsafetybc.ca
Design Administration

cc:

July 10, 2022

Attention: Dennis Jones
MISTER CRN CONSULTING INC
BOX 488
MONTAGUE, PE C0A 1R0

The design submission, tracking number 2022-01939, originally received on April 07, 2022 was surveyed and accepted for registration as follows:

CRN :	0A03335.72	Accepted on:	July 10, 2022
Reg Type:	NEW DESIGN	Expiry Date:	July 10, 2023
Drawing No. :	Pipe Nipples Catalogue		
Fitting type:	Pipe Nipples		
Design registered in the name of : JINAN MECH PIPING TECHNOLOGY CO LTD			

Description	MAWP	Design Temperature
-------------	------	--------------------

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

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.3 and other engineering analysis.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
 - This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
 - This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
 - Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*
- Acceptance is based on the understanding that the contents of this registration and the pipe sizes are according the material specifications listed in the AB-41 from Table 1**, as well as the threads of those pipes/nipples which must fully meet the standard B1.20.1.*

When determining the minimum required thickness of these nipples, all required conditions in the code B31.3 should be met, such as : corrosion, erosion, thread depth, groove depth , the manufacturing undertolerances and etc.

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 3335 or fax (780) 437-7787 or e-mail Dedovic@absa.ca.

Sincerely,

2022-01939

Continued on the next page...



the pressure equipment safety authority

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

July 10, 2022

DEDOVIC, BLAZO, M. Eng.
DOP Cert. No. D00005642

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, Li Pengchang, Product Manager
(name of applicant) (position title) (must be in a position of authority)
of Jinan Mech Piping Technology Co.,Ltd
(name of manufacturer)
located at Meigui Zone of Industrial Park, Pingyin, Jinan, China, 250400
(plant address)

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

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

- ☒ comply with the requirements of see attached list 1 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 (title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Category A Pipe fittings	See Certificate	ISO 9000 2015	24/11/2023	C QM	Meigui Zone of Industrial Park, Pingyin, Jinan, China, 250400
2.						

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

Jinan Mech Catalogue, ISO 900 Certificate, CRN Registration Letter,

(Signature of the Declarer)

(Date)

DECLARED before me at _____ in the _____ of _____
(city) (province, territory, or state)

this _____ day of _____, _____
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: _____
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

<p>To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.</p> <p>CRN: _____</p> <p>Registered Date: _____</p> <p>Expiry Date: _____</p> <p>Signature: _____ (Signature of the Administrator/SCO)</p> <p>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 Pressure Equipment Discipline</p>	<p>2022-01939</p> <p>ABSA</p> <p>SAFETY CODES ACT - PROVINCE OF ALBERTA</p> <p>ACCEPTED: OA03335.72</p> <p>See acceptance letter for conditions of registration.</p> <p>Date: 2022-07-10 By: <i>[Signature]</i></p> <p>BLAZO DEBOVIC, M. Eng. DOP: DO0005642</p> <p><small>This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.</small></p>
---	---

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
Brass Pipe Nipple	Body	See ASTM B43	1/8"-8"	N/A	N/A	N/A	As referred to in applicable standard	ASME B1.20.1 ASTM B687	Jinan Mech Catalogue
Steel Pipe Nipple	Body	See ASTM A53/A106/A333	1/8"-8"	N/A	N/A	N/A	As referred to in applicable standard	ASME B1.20.1 ASTM A733	Jinan Mech Catalogue
Stainless Steel Nipple	Body	See ASTM A312/A312M	1/8"-8"	N/A	N/A	N/A	As referred to in applicable standard	ASME B1.20.1 ASTM A733	Jinan Mech Catalogue
Steel Dielectric Nipple	Body	ASTM A-53 type E	1/2"-4"	32°F	N/A	N/A	300psi	ASME B1.20.1 ASTM A733	Jinan Mech Catalogue

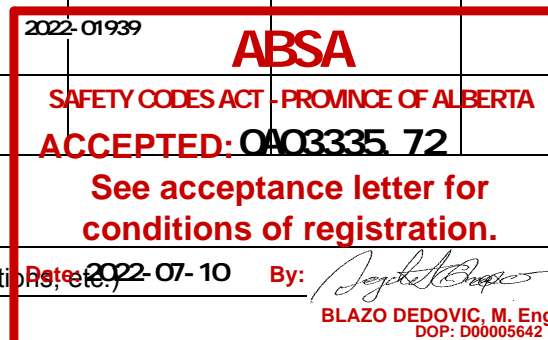


Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)	
Example: Series X Options	
This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.	

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

REGISTRATION OF A PRESSURE FITTING DESIGN

11-May-22

Mister CRN Consulting Inc.
PO Box 488
Montague, PEI
COA 1R0**Attention: Dennis Jones****File Number: 13074 [0 F]****Re: Manufacturer: Jinan Mech Piping Technology Co., Ltd.****Item: Pipe Fittings****Catalog or Drawing: Pipe Fittings 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:

0A3335.73**Expiry Date: March 11, 2032**

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:**

A valid quality control program must be maintained at the production facility for the fitting registration to remain valid until the expiry date.

ACIC

20 McAULAY COURT CHARLOTTETOWN PEI. C1A 9M7.

PO BOX 53 CHARLOTTETOWN PEI. C1A 7K1. PHONE: 902-566-1975, FAX: 902-566-3133

SECTION 1: Required information to obtain a CRN for a fitting design.

a) Two (2) copies of the Uniform Statutory Declaration Form completed in detail with original signatures and seal of the notary.

b) A copy of the Manufacturer's Quality Control Certificate: xx ISO 9000, ASME, Annex F, CSA B51

c) A complete description of the component(s) to be registered entered in the table below:

FITTING DESCRIPTION	STANDARDS OF CONSTRUCTION
Brass, Steel, Stainless Steel Pipe Nipples	ASME B1.20.1, ASTM B687, B43, A53/A106/A333, A733, ASTM

DOCUMENTS PROVIDED

Application, Supplement, Statutory Declaration, Jinan Mech Catalogue, ISO 9000 Certificate.

PRESSURE RATING TYPE/MODEL/PART STANDARD SIZE MATERIAL (ASTM SPEC. & ALLOY)

	Brass Pipe Nipple	ASME B1.20.1	1/8"-8"	See ASTM B43
		ASTM B687		
	Steel Pipe Nipple	ASME B1.20.1	1/8"-8"	See ASTM A53/A106/A333
		ASTM A733		
	Stainless Steel Nipple	ASME B1.20.1	1/8"-8"	See ASTM A312/A312M
		ASTM A733		
300psi	Steel Dielectric Nipple	ASME B1.20.1	1/2"-4"	ASTM A-53 type E
		ASTM A733		

Note: if more space is needed, please complete on next page

Section 2: Declaration of Conformity to obtain a fast turn around for a CRN of a pressure fitting design

I being a Registered Professional Engineer competent in the field of pressure containment engineering, have reviewed the Uniform Statutory Declaration Form, quality control certificate and supporting documentation to verify compliance and do hereby solemnly declare that the information contained in this form is true and to the best of my knowledge and belief the design conforms to the requirements of the standards of construction shown here and on the Uniform Statutory Declaration Form.

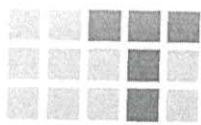
Stamp and signature:

Professional Engineers Association with whom you are registered;

Name of association:	
Location:	
Phone number:	
Web site or email:	



This form is to be completed in detail for all fitting design applications. When completed in detail, and bearing the original stamp and signature of a Registered Professional Engineer the application will be given priority for a fast turn around.



Technical Safety Authority of Saskatchewan

330 – 1855 Victoria Avenue
Regina, SK S4P 3T2
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Filings)

TSK-1008

I. Declaration Information

I, Li Pengchang

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 Mech Piping Technology 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: Meigui Zone of Industrial Park, Pingyin, Jinan Shandong Province, China 250400
(Plant Address – Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- ☒ Comply with the requirements of see attached list 1 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, CQM 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 A Pipe fittings

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

ISO9001 certificate. Pipe fittings Catalogue.

II. Declaration

DECLARED before me at Jinan In the People's Republic of China
this 22 day of February, 2022
(print name) (Signature) 李鹏昌 Li Pengchang
(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)



Technical
Safety Authority
of Saskatchewan

Registration No. 0A3335.73

File No. 13074

Registered

Date: May 11, 2022

Expiry Date: March 11, 2032

Codes & Standards Compliance Office

TSK-1008
Rev. 09/2012
Page 1 of 1

May 4, 2022

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

Dear Dennis Jones,

Re: Reciprocal CRN Registration in Manitoba

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

File Number:	74-R2258
CRN:	0A3335.74
Scope:	Catalog: Brass, Steel, Stainless Steel Pipe Nipples
Manufacturer:	Jinan Mech Piping Technology Co Ltd
Expiry Date:	11 March 2032

Along with this letter is the invoice for registration.

In addition, every vessel shall be stamp of the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to gasupport@gov.mb.ca. In your subject line, indicate "*Manufacturer's Data Report-CRN No.*" A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

Please contact gasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services

Labour, Consumer Protection and Government Services
508 – 401 York Avenue, Winnipeg, MB R3C 0P8
T (204) 945-3373 | F (204) 948-2089



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

www.tssa.org

August 23, 2022

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

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8108619
Your Reference No.: JOB #3097
Registered to: Jinan Mech Piping Technology Co. Ltd.

Dear Dennis Jones,

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

CRN : 0A3335.75
Main Design No.: Brass, Steel, Stainless steel Pipe Nipples
Expiry Date: Mar 11, 2032

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

Please refer to Scope for Registration detail. Pipe Nipples: Brass (1/8" to 8"; Sch. Std., XS), Steel (1/8" to 8"; Sch. 40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch. 40, 80); Dielectric Steel (1/2" to 4": Sch. 40), Material standard: BS EN 10255 and Design Standard: EN 10241 are excluded

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, 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,

Norman Ngai

Norman Ngai P. Eng. Mechanical Engineer
Engineer, BPV
Tel. : +1 416-734-3557
Email : NNgai@tssa.org

ACIC

THIS IS PART OF CRN

0A3335.75

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety
Program

20 McAULAY COURT CHARLOTTETOWN PEI. C1A 9M7.

PO BOX 53 CHARLOTTETOWN PEI. C1A 7K1. PHONE: 902-566-1975, FAX: 902-566-3133

SECTION 1: Required information to obtain a CRN for a fitting design.

a) Two (2) copies of the Uniform Statutory Declaration Form completed in detail with original signatures and seal of the notary.

b) A copy of the Manufacturer's Quality Control Certificate: xx ISO 9000, ASME,
 Annex F, CSA B51

c) A complete description of the component(s) to be registered entered in the table below:

FITTING DESCRIPTION	STANDARDS OF CONSTRUCTION
Brass, Steel, Stainless Steel Pipe Nipples	ASME B1.20.1, ASTM B687, B43, A53/A106/A333, A733, AST

DOCUMENTS PROVIDED

Application, Supplement, Statutory Declaration, Jinan Mech Catalogue, ISO 9000 Certificate.

PRESSURE RATING	TYPE/MODEL/PART	STANDARD	SIZE	MATERIAL (ASTM SPEC. & ALLOY)
	Brass Pipe Nipple	ASME B1.20.1	1/8"-8"	See ASTM B43
		ASTM B687		
	Steel Pipe Nipple	ASME B1.20.1	1/8"-8"	See ASTM A53/A106/A333
		ASTM A733		
	Stainless Steel Nipple	ASME B1.20.1	1/8"-8"	See ASTM A312/A312M
		ASTM A733		
300psi	Steel Dielectric Nipple	ASME B1.20.1	1/2"-4"	ASTM A-53 type E
		ASTM A733		

Note: if more space is needed, please complete on next page

Section 2: Declaration of Conformity to obtain a fast turn around for a CRN of a pressure fitting design

I being a Registered Professional Engineer competent in the field of pressure containment engineering, have reviewed the Uniform Statutory Declaration Form, quality control certificate and supporting documentation to verify compliance and do hereby solemnly declare that the information contained in this form is true and to the best of my knowledge and belief the design conforms to the requirements of the standards of construction shown here and on the Uniform Statutory Declaration Form.

Stamp and signature:

Professional Engineers Association with whom you are registered;

Name of association:	
Location:	
Phone number:	
Web site or email:	

This form is to be completed in detail for all fitting design applications. When completed in detail, and bearing the original stamp and signature of a Registered Professional Engineer the application will be given priority for a fast turn around.



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, Li Pengchang, Product Manager

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

of Jinan Mech Piping Technology Co., Ltd.

(Name of Manufacturer)

Located at Meigui Zone of Industrial Park, Pingyin, Jinan, China, 250400

(Plant Address)

86 531 87666759

(Telephone No.)

86 531 87666796

(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 see attached list 1

(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, CQM

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

ISO9001 certificate. Pipe fittings Catalogue.

(drawings, calculations, test reports, etc.)

Declared before me at Jinan in the People's Republic of China
the 22 day of February AD 20 22.

Commissioner for Oaths:

(Printed name)

(Signature)

李鹏昌 Li Pengchang
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category A.

CRN: 0A3335.75

Registered by: NORMAN NGAI

Dated: Aug. 23, 2022.

NOTE: This registration expires on Mar. 11, 2032.

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: 0A3335.75

Signed: Norman Ngai

Date: August 23, 2022.

Registration notes:

Please refer to Scope for Registration detail. Pipe Nipples: Brass (1/8" to 8"; Sch. Std., XS), Steel (1/8" to 8"; Sch. 40, 80, 160, XXS), Stainless Steel (1/8" to 8"; Sch. 40, 80); Dielectric Steel (1/2" to 4"; Sch. 40), Material standard: BS EN 10255 and Design Standard: EN 10241 are excluded.

Montréal, le 26 juillet 2022.

MR. JONES DENNIS
MISTER CRN CONSULTING INC.
488 BOX
MONTAGUE PEI
CANADA C0A 1R0

Manufacturer : JINAN MECH PIPING TECHNOLOGY CO
INDUSTRIAL PARK PINGYIN
JINAN SHANDONG
CHINA 250400

OUR REFERENCE : 947592
Design number : Category A Fitting Catalogue

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0A03335.76**.

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each equipment manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

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

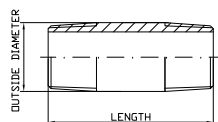
Montréal

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

Brass Pipe Nipple



Material : ASTM B43
 Dimensions : ASTM B687
 Threads : ASME B1.20.1, ISO 7/1
 Schedule : Standard/Extra Heavy



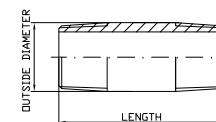
Brass Pipe Nipple Standard/Extra Heavy																	
Pipe Size	Pipe O.D.	Length Close	Pipe Nipple Lengths (In)														
In	In	In	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1/8	0.405	3/4	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1/4	0.540	7/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
3/8	0.675	1	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1/2	0.840	1 1/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
3/4	1.050	1 3/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1	1.315	1 1/2	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1-1/4	1.660	1 5/8	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1-1/2	1.900	1 3/4	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
2	2.375	2	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
2-1/2	2.875	2 1/2	X	X	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
3	3.500	2 5/8	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
4	4.500	2 7/8	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
5	5.562	3	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
6	6.625	3 1/8	X	X	X	X	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
8	8.625	3 1/2	X	X	X	X	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12

Noted: Other lengths and size available. Contact us for details.

Steel Pipe Nipple with American Standard



Material : ASTM A53/A106/A333
 Dimensions : ASTM A733
 Threads : ASME B1.20.1
 Schedule : 40/80/160/XXS



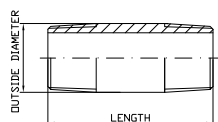
Carbon Steel Pipe Nipple Sch. 40/80/160/XXS, Welded/Seamless																	
Pipe Size	Pipe O.D.	Length Close	Pipe Nipple Lengths (In)														
In	In	In	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1/8	0.405	3/4	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1/4	0.540	7/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
3/8	0.675	1	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1/2	0.840	1 1/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
3/4	1.050	1 3/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1	1.315	1 1/2	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1-1/4	1.660	1 5/8	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
1-1/2	1.900	1 3/4	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
2	2.375	2	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
2-1/2	2.875	2 1/2	X	X	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
3	3.500	2 5/8	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
4	4.500	2 7/8	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
5	5.563	3	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
6	6.625	3 1/8	X	X	X	X	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12
8	8.625	3 1/2	X	X	X	X	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11 12

Noted: Other lengths and size available. Grooved end, SQ end and Bevel end available. Contact us for details.

Steel Pipe Nipple with British/Din Standard



Material : BS EN 10241
 Dimensions : BS EN 10241
 Threads : ISO7/1
 Schedule : Medium/Heavy



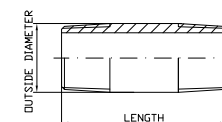
Carbon Steel Pipe Nipple Medium/Heavy Welded/Seamless																		
Pipe Size	Pipe O.D.	Length Close	Pipe Nipple Lengths (mm)															
mm	mm	mm																
6	10.3	19	30	40	50	60	80	100	120	150	180	200	250	300	350	400	450	500
8	13.7	27	30	40	50	60	80	100	41/2	150	180	200	250	300	350	400	450	500
10	17.1	28	30	40	50	60	80	100	41/2	150	180	200	250	300	350	400	450	500
15	21.3	37	X	40	50	60	80	100	41/2	150	180	200	250	300	350	400	450	500
20	26.7	39	X	40	50	60	80	100	41/2	150	180	200	250	300	350	400	450	500
25	33.4	46	X	X	50	60	80	100	41/2	150	180	200	250	300	350	400	450	500
32	42.2	51	X	X	50	60	80	100	41/2	150	180	200	250	300	350	400	450	500
40	48.3	51	X	X	50	60	80	100	41/2	150	180	200	250	300	350	400	450	500
50	60.3	60	X	X	X	60	80	100	41/2	150	180	200	250	300	350	400	450	500
65	76.1	69	X	X	X	X	80	100	41/2	150	180	200	250	300	350	400	450	500
80	88.9	75	X	X	X	X	80	100	41/2	150	180	200	250	300	350	400	450	500
100	114.3	87	X	X	X	X	X	100	41/2	150	180	200	250	300	350	400	450	500
125	141.3	96	X	X	X	X	X	X	120	150	180	200	250	300	350	400	450	500
150	168.3	96	X	X	X	X	X	X	120	150	180	200	250	300	350	400	450	500

Noted: Other lengths and size available, Grooved end, SQ end and Bevel end available, Contact us for details.

Stainless Steel Nipple with American Standard



Material : ASTM A312/A312M
 Dimensions : ASTM A733
 Threads : ASME B1.20.1
 Schedule : 40/80



Stainless Steel Nipple Sch. 40/80, Welded/Seamless																		
Pipe Size	Pipe O.D.	Length Close	Pipe Nipple Lengths (In)															
In	In	In																
1/8	0.405	3/4	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
1/4	0.540	7/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
3/8	0.675	1	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
1/2	0.840	1 1/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
3/4	1.050	1 3/8	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
1	1.315	1 1/2	11/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
1-1/4	1.660	1 5/8	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
1-1/2	1.900	1 3/4	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
2	2.375	2	X	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
2-1/2	2.875	2 1/2	X	X	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
3	3.500	2 5/8	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
4	4.500	2 7/8	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
5	5.563	3	X	X	X	3	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
6	6.625	3 1/8	X	X	X	X	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12
8	8.625	3 1/2	X	X	X	X	3 1/2	4	4 1/2	5	5 1/2	6	7	8	9	10	11	12

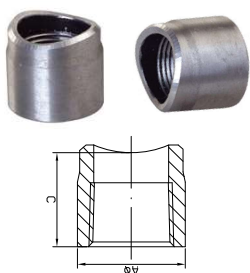
Noted: Other lengths and size available, Grooved end, SQ end and Bevel end available, Contact us for details.

Steel Nipple-Tank Type



Size	L+2(mm)	L1 (mm)	L2(mm)	Ø (mm)	R	G
1/2X100X52MM	100	15	52	21.3	R1/2	G1/2
3/4X100X54MM	100	15	54	26.7	R3/4	G3/4
1X100X62MM	100	17	62	33.4	R1	G1
1 1/4X150X70MM	150	20	70	42.2	R1 1/4	G1 1/4
1 1/2X150X71MM	150	20	71	48.3	R1 1/2	G1 1/2
2X150X82MM	150	23	82	60.3	R2	G2

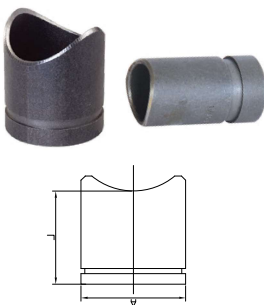
Threaded Welded Outlet



Material : ASTM A106
Threads : ASME B1.20.1, ISO 7/1

Size	In	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Pipe Run Size	In	1 to 4	1 to 4	1 1/4 to 6	1 1/2 to 6	2 to 6	3 to 6	3 to 8	4 to 8	6 to 8
A	In	1.083	1.331	1.555	1.870	2.165	2.724	3.209	3.957	4.961
C	In	1.063	1.126	1.248	1.374	1.626	1.752	2.217	2.500	3.000

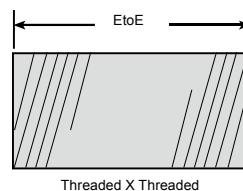
Grooved Welded Outlet



Material : ASTM A53
Groove : AWWA C606 and ISO 6182-12

Size	In	1 1/4	1 1/2	2	2 1/2	3	4	6	8
Pipe Run Size	In	1 1/4-8	1 1/2-8	2-8	2 1/2-8	3-8	4-8	6-8	8
A	In	1.660	1.900	2.375	2.875	3.500	4.500	6.625	8.625
L	In	2.969	2.969	2.969	2.969	2.969	3.976	3.976	4

Steel Dielectric Nipple



Nominal Dia. (inches)	Out.Dia. (inches)	Max. Work. Press. (PSI/kPa)	End to End (inches)	Aprx.Wgt.Each (Lbs./kg)
1/2	0.840	300 / 2065	2-1/2	0.15 0.07
1/2	0.840	300 / 2065	3	0.18 0.08
3/4	1.050	300 / 2065	2	0.15 0.07
3/4	1.050	300 / 2065	2-1/2	0.20 0.09
3/4	1.050	300 / 2065	3	0.24 0.11
3/4	1.050	300 / 2065	4	0.34 0.15
1	1.315	300 / 2065	2-1/2	0.27 0.12
1	1.315	300 / 2065	3	0.34 0.15
1	1.315	300 / 2065	4	0.48 0.22
1-1/4	1.660	300 / 2065	4	0.65 0.30
1-1/2	1.900	300 / 2065	4	0.78 0.36
2	2.375	300 / 2065	4	1.06 0.48
2-1/2	2.875	300 / 2065	6	2.47 1.12
3	3.500	300 / 2065	6	3.23 1.47
3-1/2	4.000	300 / 2065	6	3.90 1.77
4	4.500	300 / 2065	6	4.61 2.10

Material Specifications:

1. Body: Carbon steel pipe to ASTM A-53 type E, zinc electroplated.

2. Liner: Polypropylene (PP) plastic

• Dimension: ASTM A733

• Thread: ASME B1.20.1

• Working Pressure: 300 psi

• Temperature Range: 32°F to 230°F

• For cool or heat water supply, good corrosion resistance in water. Plastic-lined steel nipples act as an insulator to prevent destructive electrolytic corrosion between dissimilar metals.

• Crosslinked polyethylene (PEX) plastic, and polyethylene (PE) plastic available when ask.

• Meets NSF / ANSI 372 lead free requirement

公 证 书

中华人民共和国山东省济南市齐鲁公证处

Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ Li Pengchang

(Name of applicant)

Product Manager

(Position eg, president, plant manager, chief eng.)

of Jinan Mech Piping Technology Co., Ltd.

(name of company)

Located at Meigui Zone of Industrial Park, Pingyin, Jinan, China

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

☒ comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which they are required: Material Standard: see attached list 1.

☐ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code or standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program that complies with the requirements of ISO9001, and has been verified by the following authority or authorized agency CQM

The fittings² covered by this declaration, for which I seek registration, are Category A Pipe fittings

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

ISO9001 certificate. Pipe fittings Catalogue.

Declared before me at Jinan
In the People's Republic of China
This 22 day of February year 2022
month

(A commissioner for oaths)



Li Pengchang
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category _____ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

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

Registered Number CRN _____



For the Chief Inspector _____

Date _____

¹ Three completed copies of the Statutory Declaration form, together with two copies of Catalogues, Drawings or Bulletins illustrating the above fittings, shall be submitted.

² All fittings are required to be registered in the name of the Manufacturer.

³ This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.

ATTACHED LIST 1

☒ 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

Material Standard: ASTM A53/A106/A106M/A333/A865, ASTM B43, ASTM A312/A312M, BS EN 10255,etc

Design Standard: ANSI/ASME B1.20.1, ASTM A733, ASME B687, ISO 7-1, EN 10241,etc

公 证 书

(2022) 鲁济南齐鲁证外字第 4793 号

申请人：济南迈科管道科技有限公司，统一社会信用代码：913701000690057310，住所：山东平阴工业园区玫瑰片区。

法定代表人：郭雷，男，一九七八年十月八日出生，公民身份号码：370102197810080035。

委托代理人：李鹏昌，男，一九八七年十二月二十三日出生，公民身份号码：370911198712236037。

公证事项：签名、印鉴

兹证明济南迈科管道科技有限公司的委托代理人李鹏昌于二〇二二年二月二十二日来到我处，在本公证员的面前，在前面的英文《产品认证法律声明》上签名并加盖“济南迈科管道科技有限公司”的印鉴。

中华人民共和国山东省济南市齐鲁公证处

公证员

文兰兰

LI14591648



NOTARIAL CERTIFICATE

(2022) Lu Jinan Qilu Zheng Wai Zi No.4793

Applicant: Jinan Mech Piping Technology Co., Ltd., Unified Social Credit Code: 913701000690057310, Address: Meigui Zone of Industrial Park, Pingyin, Shandong.

Legal Representative: Guo Lei, male, born on October 8, 1978, Citizen Identity No.: 370102197810080035.

Entrusted Agent: Li Pengchang, male, born on December 23, 1987, Citizen Identity No.: 370911198712236037.

Issue under notarization: signature and seal

This is to certify that Li Pengchang, entrusted agent of Jinan Mech Piping Technology Co., Ltd., came to our notary public office, signed the foregoing English Statutory Declaration Registration of Fittings, and affixed the seal of Jinan Mech Piping Technology Co., Ltd. on it on February 22, 2022 before me, the notary public.

Qilu Notary Public Office

Jinan City, Shandong Province

The People's Republic of China

Notary Public: Wen Lanlan

February 24, 2022

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