the pressure equipment safety authority

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

January 20, 2025

Attention: Alicia Czerniawski
ANRIC ENTERPRISES INC
703 EVANS AVENUE SUITE 200
TORONTO, ON M9C 5E9

The design submission, Tracking Number 2025-00164, Web Portal Number 2025-S0081, originally received on January 09, 2025 was surveyed and accepted for registration as follows:

CRN : 0A17379.52 **Accepted on:** January 20, 2025

Reg Type: RENEWAL **Expiry Date:** January 20, 2035

Drawing No. : Scope of Registration

Fitting type: Piping fittings

Design registered in the name of : YANGZHOU HUAYU PIPE FITTINGS CO LTD

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

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are B16.9, B16.11 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 or AB-351 Declaration of Conformity 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

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

If you have any question don't hesitate to contact me by phone at (587) 686-9318 or fax (780) 437-7787 or e-mail Grynchuk@absa.ca.

Sincerely,

GRYNCHUK, MILLA, P. Eng.
DOP Cert. No. D00005217

Alberta Government

the pressure equipment safety authority

AB-41 2024-03

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

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



I, Wang Xin (name of applicant), CEO (position title) (must be in a position of authority)

of YANGZHOU HUAYU PIPE FITTING CO.,LTD. (name of manufacturer)

located at No.99,Baoying Street,Baoying County,Jiangsu Province,China. (plant address)

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

☑ comply with the requirements of ASME B16.9, B16.11, MSS SP-75, MSS SP-79 and MSS SP-83 (title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ (title of code of construction or other applicable document) as supported by the 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.	Elbows, Returns, Tees, Crosses, Reducers, SW Fittings, FT Fittings	ISO 9001:2015	Seamless and welding steel butt welding fittings, forged fittings and flanges	2027-07-05	Huaxia Certification Center, Inc.	No.99,Baoying Street, Baoying County, Jiangsu Province, China
2.						

Tracking #:_____

Alberta Government

ABSA
the pressure equipment safety authority

AB-41 2024-03

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

1.The copy of ISO9001 certificate, 2. Scope of Registration, 3. Drawings,

4. Brief of material, 5. Proof test report

[signature] wangXh
(Signature of the Declarer)

2024-9-10
(Date)

DECLARED before me at Baoying (city) in the People's Republic of China (province, territory, or state)

this 10th day of September (Month), 2024 (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: _____

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 _____.

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____
(Signature of the Administrator/SCO)

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

2025-00164
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0A17379.52
See acceptance letter for conditions of registration.
Date: 2025-01-20 By: [signature]
MILLA GRYNCHUK, P. Eng.
DOP: D00005217

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.

Tracking #: _____

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			
------- As per the Scope of CRN Renewal Registration attached -------									

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options

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

Tracking #:_____

NOTARIAL CERTIFICATE

(2024) S.B.Z.Zi, No. 2005

Applicant: YANGZHOU HUAYU PIPE FITTING CO., LTD., Unified Social Credit Code: 91321023718544699R, Address: No. 99, Baoying Street, Baoying County.

Legal Representative: Wang Xin, male, was born on October 5, 1992, ID No.: 321023199210050411.

Issue under notarization: Signature

This is to certify that Wang Xin, the legal representative of YANGZHOU HUAYU PIPE FITTING CO., LTD., came to our notary public office and signed the foregoing English document on September 10, 2024 in the presence of me, the notary public.

Notary: Qiu Zhenhua (Signature)

Baoying Notary Public Office,

Jiangsu Province (Seal)

The People's Republic of China

September 11, 2024

IV65164889

公 证 书

(2024)苏宝证字第2005号

申请人：扬州华宇管件有限公司，统一社会信用代码：91321023718544699R，住所：宝应县宝应大道99号。

法定代表人：王鑫，男，1992年10月5日出生，公民身份号码：321023199210050411。

公证事项：签名

兹证明扬州华宇管件有限公司的法定代表人王鑫于2024年9月10日来到我处，在本公证员的面前，在前面的英文文件上签名。

中华人民共和国江苏省宝应县公证处

公证员 仇振华

江苏省宝应县公证处

2024年9月11日

IV65164888

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Long Radius Elbows	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-E(L)-01-2014
2	Long Radius Returns	ASME/ANSI B16.9	1/2" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-180E(L)-02-2014
3	Short Radius Elbows	ASME/ANSI B16.9	1" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-E(S)-03-2014
4	Short Radius 180-deg Returns	ASME/ANSI B16.9	1" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-180E(S)-04-2014
5	3D Elbows	ASME/ANSI B16.9	3/4" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-E(3D)-05-2014
6	Straight Tees and Crosses	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-TC(S)-06-2014
7	Reducing Outlet Tees and Reducing Outlet Crosses	ASME/ANSI B16.9	1/2"x1/2"x3/8"~48"x48"x22" Sch 5S ~ Sch XXS	HY-CRN-TC(R)-07-2014
8	Lap Joint Stub Ends	ASME/ANSI B16.9	1/2" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-SE(L)-08-2014
9	Caps	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-C-09-2014
10	Reducers	ASME/ANSI B16.9	3/4"x1/2"~48"x40" Sch 5S ~ Sch XXS	HY-CRN-R-10-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Socket-Welding Fitting	ASME B16.11	1/8" ~ 4"	HY-CRN-SWF-27-2014
2	Forged Threaded Fit tings	ASME B16.11	1/8" ~ 4"	HY-CRN-FTF-28-2014
3	Forged Threaded Fittings — Street Elbows	ASME B16.11	1/8" ~ 2"	HY-CRN-TSE-29-2014
4	Threaded Fittings	ASME B16.11	1/8" ~ 4"	HY-CRN-TF-30-2014
5	Plugs and Bushings	ASME B16.11	1/8" ~ 4"	HY-CRN-PB-31-2014

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Long Radius Elbows	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-E(L)-11-2014
2	3R Elbows	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	
3	Straight Tees	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-T(S)-12-2014
4	Reducing Outlet Tees	MSS SP-75	16"x16"x14"~60"x60"x30" Sch 5S ~ Sch XXS	HY-CRN-T(R)-13-2014
5	Caps	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-C-14-2014
6	Reducers	MSS SP-75	16"x14"~60"x30" Sch 5S ~ Sch XXS	HY-CRN-R-15-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Steel Socket Welding Reducer Insert	MSS SP-79	3/8"x1/4" ~4x1 1/4	HY-CRN-SWR-44-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Class 3000 steel pipe unions -socket welding ends	MSS SP-83	1/8"~ 3"	HY-CRN-SWPU-45-2014
2	Class 3000 steel pipe unions -threaded ends	MSS SP-83	1/8"~ 3"	HY-CRN-TPU-46-2014

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	90° Branch Outlets -Buttwelding	MSS SP-97	1/8” ~ 24”	HY-CRN-90BB0-42-2024
2	90° Branch Outlets -Threaded	MSS SP-97	1/8” ~ 4”	HY-CRN-90TB0-43-2024
3	90° Branch Outlets -Socket Welding	MSS SP-97	1/8” ~ 4”	HY-CRN-90SWB0-44-2024
4	45° Branch Outlets - Buttwelding	MSS SP-97	1/4” ~ 2”	HY-CRN-45BB0-45-2024
5	45° Branch Outlets - Threaded	MSS SP-97	1/4” ~ 2”	HY-CRN-45TB0-46-2024
6	45° Branch Outlets -Socket Welding	MSS SP-97	1/4” ~ 2”	HY-CRN-45SWB0-47-2024

CCCI

质量管理体系认证证书

注册号: 02124Q10995R5M

扬州华宇管件有限公司

统一社会信用代码： 91321023718544699R
注册地址：江苏省宝应县宝应大道 99 号
办公地址：江苏省扬州市宝应县宝应大道 99 号
生产地址：1、江苏省扬州市宝应县宝应大道 99 号
2、江苏省扬州市宝应县荷香路 579 号

质量管理体系符合标准

GB/T 19001-2016/ISO 9001:2015

认证范围如下：

钢制对焊无缝及焊缝管件、锻制管件、法兰的生产及售后服务

本证书有效期至 2027 年 7 月 5 日

标准适用性细节参见组织的质量手册
认证范围涉及法律法规要求的行政许可、资质许可、强制性认证的，证书与资质共同使用有效。
在正常接受年度审核的情况下，与年度监督保持通知一并使用有效。
本证书信息可在国家认证认可监督管理委员会官方网站（www.cnca.gov.cn）上查询。

华夏认证中心有限公司

地址：中国北京市海淀区北四环中路 211 号太极大厦
网址：http://www.ccci.com.cn

总经理：

颁证日期： 2024 年 7 月 3 日

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

CNAS

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C021-M

CCCI

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 02124Q10995R5M

YangZhou Huayu Pipe Fitting Co., Ltd.

social credit code : 91321023718544699R
Registration Address:No. 99 Baoying Street, Baoying County, Jiangsu
Office Address:No. 99 Baoying Street, Baoying County, Yangzhou City, Jiangsu
Production Address:1、No. 99 Baoying Street, Baoying County, Yangzhou City, Jiangsu
2、No. 579 Hexiang Road, Baoying County, Yangzhou City, Jiangsu

is in conformity with

GB/T 19001-2016/ISO 9001:2015

This certificate is valid for the following scope:

Production and after-sales service of seamless and welding steel butt welding fittings, forged fittings and flanges

This certificate is valid to July 5, 2027

The applicability of the standard are detailed in the organization's Quality Manual.
The scope which needs administrative permission shall be in accordance with valid license.
In the case that the organization regularly receives surveillance assessments, the certificate shall be valid when used together with the Notice for Maintenance of Use of Certificates and Logos.
Information about the certificate can be queried on the official website of CNCA（www.cnca.gov.cn）

Huaxia Certification Center, Inc.

At: Taiji Commercial Building, No.211 Beisihuan Zhonglu, Haidian District, Beijing, P.R. China
http://www.ccci.com.cn

General Manager:

Date of Issue: July 3, 2024

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

CNAS

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C021-M

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

www.tssa.org

December 13, 2024

ANRIC ENTERPRISES INC.
701 EVANS AVE SUITE 202
TORONTO ON M9C 1A3

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14449429
Your Reference No.: OSX-2403-0135
Registered to: YANGZHOU HUAYU PIPE FITTING CO., LTD

Dear Catherine Williams,

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

CRN : 0A17379.5R1
Main Design No.: Scope of CRN Registration
Expiry Date: Dec 13, 2034

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

Scope of CRN Registration

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.

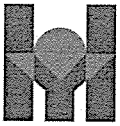
Yours truly,

Charley Dong

Charley Dong
Engineer, BPV
Tel. : +1 416-734-3436
Email : cdong@tssa.org

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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

of YANGZHOU HUAYU PIPE FITTING CO.,LTD.
(Name of Manufacturer)

Located at No.99,Baoying Street,Baoying County,Jiangsu Province,China 86-514-88290587 86-514-88265861
(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 B16.9,ASME B16.11,MSS SP-75,MSS SP-79 and MSS SP-83
(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 9001:2015 which has been verified by the following authority, Huaxia Certification Center, Inc..
The items covered by this declaration, for which I seek registration, are category "A" type fittings. In support of this application, the following information and/or test data are attached as follows:
1. A copy of the current ISO certificate, 2. Scope of Registration, 3. Drawings, 4. Brief of material, 5. Proof test report
(drawings, calculations, test reports, etc.)

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

the 10th **day of** September **AD 20** 24.

Commissioner for Oaths:

_____
(Printed name)

_____
(Signature)

Wang Xin
(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: 0A17379.5R1

Registered by: Charley Dong

Dated: Dec. 13, 2024

NOTE: This registration expires on: Dec. 13, 2034

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0A17379.5R1

Signed: Charley Dong

Date: December 13, 2024.

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

PV 09553 (04/17)

Note: See CRN scope "Part of CRN"

公 证 书

(2024)苏宝证字第2002号

申请人：扬州华宇管件有限公司，统一社会信用代码：91321023718544699R，住所：宝应县宝应大道99号。

法定代表人：王鑫，男，1992年10月5日出生，公民身份号码：321023199210050411。

公证事项：签名

兹证明扬州华宇管件有限公司的法定代表人王鑫于2024年9月10日来到我处，在本公证员的面前，在前面的英文文件上签名。

中华人民共和国江苏省宝应县公证处

公证员 仇振华

江苏省宝应县公证处

2024年9月11日

IV65164882

NOTARIAL CERTIFICATE

(2024) S.B.Z.Zi, No. 2002

Applicant: YANGZHOU HUAYU PIPE FITTING CO., LTD., Unified Social Credit Code: 91321023718544699R, Address: No. 99, Baoying Street, Baoying County.

Legal Representative: Wang Xin, male, was born on October 5, 1992, ID No.: 321023199210050411.

Issue under notarization: Signature

This is to certify that Wang Xin, the legal representative of YANGZHOU HUAYU PIPE FITTING CO., LTD., came to our notary public office and signed the foregoing English document on September 10, 2024 in the presence of me, the notary public.

Notary: Qiu Zhenhua (Signature)

Baoying Notary Public Office,

Jiangsu Province (Seal)

The People's Republic of China

September 11, 2024

I V65164883

THIS IS PART OF CRN
0A17379.5R1
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Long Radius Elbows	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-E(L)-01-2014
2	Long Radius Returns	ASME/ANSI B16.9	1/2" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-180E(L)-02-2014
3	Short Radius Elbows	ASME/ANSI B16.9	1" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-E(S)-03-2014
4	Short Radius 180-deg Returns	ASME/ANSI B16.9	1" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-180E(S)-04-2014
5	3D Elbows	ASME/ANSI B16.9	3/4" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-E(3D)-05-2014
6	Straight Tees and Crosses	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-TC(S)-06-2014
7	Reducing Outlet Tees and Reducing Outlet Crosses	ASME/ANSI B16.9	1/2"x1/2"x3/8"~48"x48"x22" Sch 5S ~ Sch XXS	HY-CRN-TC(R)-07-2014
8	Lap Joint Stub Ends	ASME/ANSI B16.9	1/2" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-SE(L)-08-2014
9	Caps	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-C-09-2014
10	Reducers	ASME/ANSI B16.9	3/4"x1/2"~48"x40" Sch 5S ~ Sch XXS	HY-CRN-R-10-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Socket-Welding Fitting	ASME B16.11	1/8" ~ 4"	HY-CRN-SWF-27-2014
2	Forged Threaded Fit tings	ASME B16.11	1/8" ~ 4"	HY-CRN-FTF-28-2014
3	Forged Threaded Fittings — Street Elbows	ASME B16.11	1/8" ~ 2"	HY-CRN-TSE-29-2014
4	Threaded Fittings	ASME B16.11	1/8" ~ 4"	HY-CRN-TF-30-2014
5	Plugs and Bushings	ASME B16.11	1/8" ~ 4"	HY-CRN-PB-31-2014

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Long Radius Elbows	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-E(L)-11-2014
2	3R Elbows	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	
3	Straight Tees	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-T(S)-12-2014
4	Reducing Outlet Tees	MSS SP-75	16"x16"x14"~60"x60"x30" Sch 5S ~ Sch XXS	HY-CRN-T(R)-13-2014
5	Caps	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-C-14-2014
6	Reducers	MSS SP-75	16"x14"~60"x30" Sch 5S ~ Sch XXS	HY-CRN-R-15-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Steel Socket Welding Reducer Insert	MSS SP-79	3/8"x1/4" ~4x1 1/4	HY-CRN-SWR-44-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Class 3000 steel pipe unions -socket welding ends	MSS SP-83	1/8"~ 3"	HY-CRN-SWPU-45-2014
2	Class 3000 steel pipe unions -threaded ends	MSS SP-83	1/8"~ 3"	HY-CRN-TPU-46-2014

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	90° Branch Outlets -Buttwelding	MSS SP-97	1/8” ~ 24”	HY-CRN-90BB0-42-2024
2	90° Branch Outlets -Threaded	MSS SP-97	1/8” ~ 4”	HY-CRN-90TB0-43-2024
3	90° Branch Outlets -Socket Welding	MSS SP-97	1/8” ~ 4”	HY-CRN-90SWB0-44-2024
4	45° Branch Outlets - Buttwelding	MSS SP-97	1/4” ~ 2”	HY-CRN-45BB0-45-2024
5	45° Branch Outlets - Threaded	MSS SP-97	1/4” ~ 2”	HY-CRN-45TB0-46-2024
6	45° Branch Outlets -Socket Welding	MSS SP-97	1/4” ~ 2”	HY-CRN-45SWB0-47-2024

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

www.tssa.org

December 13, 2024

ANRIC ENTERPRISES INC.
701 EVANS AVE SUITE 202
TORONTO ON M9C 1A3

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14449429
Your Reference No.: OSX-2403-0135
Registered to: YANGZHOU HUAYU PIPE FITTING CO., LTD

Dear Catherine Williams,

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

CRN : 0A17379.5R1
Main Design No.: Scope of CRN Registration
Expiry Date: Dec 13, 2034

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

Scope of CRN Registration

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.

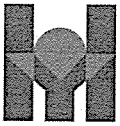
Yours truly,

Charley Dong

Charley Dong
Engineer, BPV
Tel. : +1 416-734-3436
Email : cdong@tssa.org

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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

of YANGZHOU HUAYU PIPE FITTING CO.,LTD.
(Name of Manufacturer)

Located at No.99,Baoying Street,Baoying County,Jiangsu Province,China 86-514-88290587 86-514-88265861
(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 B16.9,ASME B16.11,MSS SP-75,MSS SP-79 and MSS SP-83
(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 9001:2015 which has been verified by the following authority, Huaxia Certification Center, Inc..
The items covered by this declaration, for which I seek registration, are category "A" type fittings. In support of this application, the following information and/or test data are attached as follows:
1. A copy of the current ISO certificate, 2. Scope of Registration, 3. Drawings, 4. Brief of material, 5. Proof test report
(drawings, calculations, test reports, etc.)

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

the 10th **day of** September **AD 20** 24.

Commissioner for Oaths:

_____
(Printed name)

_____
(Signature)

Wang Xin
(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: 0A17379.5R1

Registered by: Charley Dong

Dated: Dec. 13, 2024

NOTE: This registration expires on: Dec. 13, 2034

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0A17379.5R1

Signed: Charley Dong

Date: December 13, 2024.

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

PV 09553 (04/17)

Note: See CRN scope "Part of CRN"

公 证 书

(2024)苏宝证字第2002号

申请人：扬州华宇管件有限公司，统一社会信用代码：91321023718544699R，住所：宝应县宝应大道99号。

法定代表人：王鑫，男，1992年10月5日出生，公民身份号码：321023199210050411。

公证事项：签名

兹证明扬州华宇管件有限公司的法定代表人王鑫于2024年9月10日来到我处，在本公证员的面前，在前面的英文文件上签名。

中华人民共和国江苏省宝应县公证处

公证员 仇振华

江苏省宝应县公证处

2024年9月11日

IV65164882

NOTARIAL CERTIFICATE

(2024) S.B.Z.Zi, No. 2002

Applicant: YANGZHOU HUAYU PIPE FITTING CO., LTD., Unified Social Credit Code: 91321023718544699R, Address: No. 99, Baoying Street, Baoying County.

Legal Representative: Wang Xin, male, was born on October 5, 1992, ID No.: 321023199210050411.

Issue under notarization: Signature

This is to certify that Wang Xin, the legal representative of YANGZHOU HUAYU PIPE FITTING CO., LTD., came to our notary public office and signed the foregoing English document on September 10, 2024 in the presence of me, the notary public.

Notary: Qiu Zhenhua (Signature)

Baoying Notary Public Office,

Jiangsu Province (Seal)

The People's Republic of China

September 11, 2024

I V65164883

THIS IS PART OF CRN
0A17379.5R1
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Long Radius Elbows	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-E(L)-01-2014
2	Long Radius Returns	ASME/ANSI B16.9	1/2" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-180E(L)-02-2014
3	Short Radius Elbows	ASME/ANSI B16.9	1" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-E(S)-03-2014
4	Short Radius 180-deg Returns	ASME/ANSI B16.9	1" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-180E(S)-04-2014
5	3D Elbows	ASME/ANSI B16.9	3/4" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-E(3D)-05-2014
6	Straight Tees and Crosses	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-TC(S)-06-2014
7	Reducing Outlet Tees and Reducing Outlet Crosses	ASME/ANSI B16.9	1/2"x1/2"x3/8"~48"x48"x22" Sch 5S ~ Sch XXS	HY-CRN-TC(R)-07-2014
8	Lap Joint Stub Ends	ASME/ANSI B16.9	1/2" ~ 24" Sch 5S ~ Sch XXS	HY-CRN-SE(L)-08-2014
9	Caps	ASME/ANSI B16.9	1/2" ~ 48" Sch 5S ~ Sch XXS	HY-CRN-C-09-2014
10	Reducers	ASME/ANSI B16.9	3/4"x1/2"~48"x40" Sch 5S ~ Sch XXS	HY-CRN-R-10-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Socket-Welding Fitting	ASME B16.11	1/8" ~ 4"	HY-CRN-SWF-27-2014
2	Forged Threaded Fit tings	ASME B16.11	1/8" ~ 4"	HY-CRN-FTF-28-2014
3	Forged Threaded Fittings — Street Elbows	ASME B16.11	1/8" ~ 2"	HY-CRN-TSE-29-2014
4	Threaded Fittings	ASME B16.11	1/8" ~ 4"	HY-CRN-TF-30-2014
5	Plugs and Bushings	ASME B16.11	1/8" ~ 4"	HY-CRN-PB-31-2014

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Long Radius Elbows	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-E(L)-11-2014
2	3R Elbows	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	
3	Straight Tees	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-T(S)-12-2014
4	Reducing Outlet Tees	MSS SP-75	16"x16"x14"~60"x60"x30" Sch 5S ~ Sch XXS	HY-CRN-T(R)-13-2014
5	Caps	MSS SP-75	16" ~ 60" Sch 5S ~ Sch XXS	HY-CRN-C-14-2014
6	Reducers	MSS SP-75	16"x14"~60"x30" Sch 5S ~ Sch XXS	HY-CRN-R-15-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Steel Socket Welding Reducer Insert	MSS SP-79	3/8"x1/4" ~4x1 1/4	HY-CRN-SWR-44-2014

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	Class 3000 steel pipe unions -socket welding ends	MSS SP-83	1/8"~ 3"	HY-CRN-SWPU-45-2014
2	Class 3000 steel pipe unions -threaded ends	MSS SP-83	1/8"~ 3"	HY-CRN-TPU-46-2014

Scope of CRN Registration

NO. 序号	DESCRIPTION 叙述	STANDARDS 标准	SIZE RANGE 尺寸范围	DRAWING NUMBER 图号
1	90° Branch Outlets -Buttwelding	MSS SP-97	1/8” ~ 24”	HY-CRN-90BB0-42-2024
2	90° Branch Outlets -Threaded	MSS SP-97	1/8” ~ 4”	HY-CRN-90TB0-43-2024
3	90° Branch Outlets -Socket Welding	MSS SP-97	1/8” ~ 4”	HY-CRN-90SWB0-44-2024
4	45° Branch Outlets - Buttwelding	MSS SP-97	1/4” ~ 2”	HY-CRN-45BB0-45-2024
5	45° Branch Outlets - Threaded	MSS SP-97	1/4” ~ 2”	HY-CRN-45TB0-46-2024
6	45° Branch Outlets -Socket Welding	MSS SP-97	1/4” ~ 2”	HY-CRN-45SWB0-47-2024

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: YANGZHOU HUAYU PIPE FITTING CO.,LTD.

Manufacturers Address: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Plant Locations: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Category of Fittings to be registered. Circle one Category only	Title of the Standard of Construction
(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 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements)	ASME B16.9 ASME B16.11 MSS SP-75 MSS SP-79 MSS SP-83
Show Manufacturers Name, Trademark, or Logo as it will appear on the product HUAYU	**Type of Construction** Forged ■ Welded ■ Wrought ■ Cast □ Other □ Describe other;

List of supporting documentation and identification of the actual items to be registered:

1. A copy of the current ISO certificate,
2. Scope of Registration,
3. Drawings,
4. Brief of material,
5. Proof test report

Declaration:

I Wang Xu (see note 3) employed by Yangzhou Huayu Pipe Fitting 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 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 Huaxia Certification Center, Inc. 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: Wang Xu

Declared before me at Baoying

This 10th day of September AD 2024

Use this space for the Official Seal

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

This space for Regulatory Authority use.

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

CRN: 0A17379.5 Rev.1

FID#: _____

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.

ACCEPTED
PROVINCE OF PRINCE EDWARD ISLAND
C.R.N.: 0A17379.5 Rev.1
DATE: JAN 17 25
SIGNED: D McCarthy
INSPECTION SERVICES SECTION
BOILER/PRESSURE VESSEL BRANCH

Sect 1.0 - Fittings Rev.2

Scope: CRN renewal, L.R., 3R elbows, tees, caps, reducers (MSS SP-75), L.R., S.R. elbows, returns, 3D elbows, tees, crosses, stub ends, caps, reducers (ASME B16.9), Forged Fittings, SW and Thd. (ASME B16.11); Pipe unions - SW and thd. (MSS SP-83); SW reducer inserts (MSS SP-79); 90deg., 45deg. branch outlets (MSS SP-97). (DGallant)

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: YANGZHOU HUAYU PIPE FITTING CO.,LTD.

Manufacturers Address: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Plant Locations: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Category of Fittings to be registered. Circle one Category only	Title of the Standard of Construction
(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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	ASME B16.9 ASME B16.11 MSS SP-75 MSS SP-79 MSS SP-83
Show Manufacturers Name, Trademark, or Logo as it will appear on the product HUAYU	**Type of Construction** Forged ☒ Welded ☒ Wrought ☒ Cast ☐ Other ☐ Describe other:

List of supporting documentation and identification of the actual items to be registered:

1. A copy of the current ISO certificate,
2. Scope of Registration,
3. Drawings,
4. Brief of material,
5. Proof test report

Declaration:

I Weng Xin (see note 3) employed by Yangzhou Huayu Pipe Fitting 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 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 Huaxia Certification Center, Inc. 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: Weng Xin

Declared before me at Baoying

This 10th day of September AD 2024

Use this space for the Official Seal

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

This space for Regulatory Authority use.

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

CRN: 0A17379.5 Rev.1

FID#: _____

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.

Scope: CRN renewal. L.R., 3R elbows, tees, caps, reducers (MSS SP-75), L.R., S.R. elbows, returns, 3D elbows, tees, crosses, stub ends, caps, reducers (ASME B16.9), Forged Fittings, SW and Thd. (ASME B16.11); Pipe unions - SW and thd. (MSS SP-83); SW reducer inserts (MSS SP-79); 90deg., 45deg. branch outlets (MSS SP-97). (DGallant)

BOILER & PRESSURE VESSEL ACT REGULATION
NOVA SCOTIA
Date Jan. 17/25
C.R.N. 0A17379.58Rev.1
Dwg. as described
Signed _____
1 of 1 Part

Sch 7.0 - Fittings Rev.2

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: YANGZHOU HUAYU PIPE FITTING CO.,LTD.

Manufacturers Address: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Plant Locations: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Category of Fittings to be registered. Circle one Category only	Title of the Standard of Construction
(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 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements)	ASME B16.9 ASME B16.11 MSS SP-75 MSS SP-79 MSS SP-83
Show Manufacturers Name, Trademark, or Logo as it will appear on the product HUAYU	**Type of Construction** Forged ■ Welded ■ Wrought ■ Cast □ Other □ Describe other:

List of supporting documentation and identification of the actual items to be registered:

1. A copy of the current ISO certificate,
2. Scope of Registration,
3. Drawings,
4. Brief of material,
5. Proof test report

Declaration:

I Wang Xin (see note 3) employed by Yangzhou Huayu Pipe Fitting 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 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 Huaxia Certification Center, Inc. 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: Wang Xin

Declared before me at Baoying

This 10th day of September AD 2024

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

Use this space for Notarial Seal

New Brunswick

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: 0A17379.5 Rev.1

FID#: _____

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.

Scope: CRN renewal. L.R., 3R elbows, tees, caps, reducers (MSS SP-75), L.R., S.R. elbows, returns, 3D elbows, tees, crosses, stub ends, caps, reducers (ASME B16.9), Forged Fittings, SW and Thd. (ASME B16.11); Pipe unions - SW and thd. (MSS SP-83); SW reducer inserts (MSS SP-79); 90deg., 45deg. branch outlets (MSS SP-97). (DGallant)

REGISTRATION ONLY

CRN 0A17379.57 Rev1

CHIEF BOILER INSPECTOR

DATE 1/17/25

Sect 1.0 - Fittings Rev.2

☐ BLRs ☐ PVs

☑ FITTINGS ☐ NUCLEAR COMPONENTS

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: YANGZHOU HUAYU PIPE FITTING CO.,LTD.	
Manufacturers Address: No.99,Baoying Street,Baoying County,Jiangsu Province,China	
Plant Locations: No.99,Baoying Street,Baoying County,Jiangsu 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 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements)	**Title of the Standard of Construction** ASME B16.9 ASME B16.11 MSS SP-75 MSS SP-79 MSS SP-83
Show Manufacturers Name, Trademark, or Logo as it will appear on the product HUAYU	**Type of Construction** Forged ☒ Welded ☒ Wrought ☒ Cast ☐ Other ☐ Describe other:
List of supporting documentation and identification of the actual items to be registered: 1. A copy of the current ISO certificate, 2. Scope of Registration, 3. Drawings, 4. Brief of material, 5. Proof test report	

Declaration:

I Weng Xin (see note 3) employed by Yangzhou Huayu Pipe Fitting 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 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 Huaxia Certification Center, Inc. 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 at Baoying

This 10th day of September AD 2024

Use this space for the Official Seal

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

This space for Regulatory Authority use.

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

CRN: 0A17379.5 Rev.1

FID#: _____

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.

Scope: CRN renewal. L.R., 3R elbows, tees, caps, reducers (MSS SP-75), L.R., S.R elbows, returns, 3D elbows, tees, crosses, stub ends, caps, reducers (ASME B16.9), Forged Fittings, SW and Thd. (ASME B16.11); Pipe unions - SW and thd. (MSS SP-83), SW reducer inserts (MSS SP-79); 90deg., 45deg. branch outlets (MSS SP-97). (DGallant)

Newfoundland Labrador

Registered 0A17379.5 Rev 1

Date Jan 20 2025

Engineering and Inspection Services

Registered by _____

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

Sect 1.0 - Fittings Rev.2

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: YANGZHOU HUAYU PIPE FITTING CO.,LTD.

Manufacturers Address: No:99,Baoying Street,Baoying County,Jiangsu Province,China

Plant Locations: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Category of Fittings to be registered. Circle one Category only	Title of the Standard of Construction
(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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	ASME B16.9 ASME B16.11 MSS SP-75 MSS SP-79 MSS SP-83
Show Manufacturers Name, Trademark, or Logo as it will appear on the product HUAYU	**Type of Construction** Forged ■ Welded ■ Wrought ■ Cast □ Other □ Describe other:

List of supporting documentation and identification of the actual items to be registered:

1. A copy of the current ISO certificate,
2. Scope of Registration,
3. Drawings,
4. Brief of material,
5. Proof test report

Declaration:

I Wang Xin (see note 3) employed by Yangzhou Huayu Pipe Fitting 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 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 Huaxia Certification Center, Inc. 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: Wang Xin

Declared before me at Baoying

This 10th day of September AD 2024

Use this space for the Official Seal

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

This space for Regulatory Authority use.

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

CRN: 0A17379.5 Rev.1

FID#: _____

GOVERNMENT OF YUKON
BY
CRN 0A17379.5Y REV1
DATE 01/17/2025
Sect 1.0 - Fittings Rev.2
BOILER BRANCH

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.

Scope: CRN renewal. L.R., 3R elbows, tees, caps, reducers (MSS SP-75), L.R., S.R. elbows, returns, 3D elbows, tees, crosses, stub ends, caps, reducers (ASME B16.9), Forged Fittings, SW and Thd. (ASME B16.11); Pipe unions - SW and thd. (MSS SP-83); SW reducer inserts (MSS SP-79); 90deg., 45deg. branch outlets (MSS SP-97). (DGallant)

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: YANGZHOU HUAYU PIPE FITTING CO.,LTD.

Manufacturers Address: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Plant Locations: No.99,Baoying Street,Baoying County,Jiangsu Province,China

Category of Fittings to be registered. Circle one Category only	Title of the Standard of Construction
(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 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements)	ASME B16.9 ASME B16.11 MSS SP-75 MSS SP-79 MSS SP-83
Show Manufacturers Name, Trademark, or Logo as it will appear on the product HUAYU	**Type of Construction** Forged ■ Welded ■ Wrought ■ Cast □ Other □ Describe other:

List of supporting documentation and identification of the actual items to be registered:

1. A copy of the current ISO certificate,
2. Scope of Registration,
3. Drawings,
4. Brief of material,
5. Proof test report

Declaration:

I Wang Xin (see note 3) employed by Yangzhou Huayu Pipe Fitting 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 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 Huaxia Certification Center, Inc. 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: Wang Xin

Declared before me at Baoying

This 10th day of September AD 2024

Use this space for the Official Seal

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

This space for Regulatory Authority use.

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

CRN: 0A17379.5 Rev.1

FID#: _____

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.

Scope: CRN renewal. L.R., 3R elbows, tees, caps, reducers (MSS SP-75), L.R., S.R. elbows, returns, 3D elbows, tees, crosses, stub ends, caps, reducers (ASME B16.9), Forged Fittings, SW and Thd. (ASME B16.11); Pipe unions - SW and thd. (MSS SP-83); SW reducer inserts (MSS SP-79); 90deg., 45deg. branch outlets (MSS SP-97). (DGallant)

Northwest Territories
REGISTERED
UNDER THE AUTHORITY OF
THE BOILER AND PRESSURE
VESSEL ACT.
C.R.N. 0A17379.5 Rev1 Sect 1.0 - Fittings Rev.2
SIGNED Matthias Mailman
DATE 1/17/25

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: YANGZHOU HUAYU PIPE FITTING CO.,LTD.	
Manufacturers Address: No.99,Baoying Street,Baoying County,Jiangsu Province,China	
Plant Locations: No.99,Baoying Street,Baoying County,Jiangsu 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 ☐ Class 2 ☐ Class 3 ☐ , (Meeting CNSC or ASME requirements)	**Title of the Standard of Construction** ASME B16.9 ASME B16.11 MSS SP-75 MSS SP-79 MSS SP-83
Show Manufacturers Name, Trademark, or Logo as it will appear on the product HUAYU	**Type of Construction** Forged ☒ Welded ☒ Wrought ☒ Cast ☐ Other ☐ Describe other:
List of supporting documentation and identification of the actual items to be registered: 1. A copy of the current ISO certificate, 2. Scope of Registration, 3. Drawings, 4. Brief of material, 5. Proof test report	

Declaration:

I Wang Xin (see note 3) employed by Yangzhou Huayu Pipe Fitting 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 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 Huaxia Certification Center, Inc. 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: Wang Xin

Declared before me at Baoying

This 10th day of September AD 2024

Use this space for the Official Seal

Commissioner of Oaths

Or Notary Public: (sign) _____

(Affix Official seal to the right)

This space for Regulatory Authority Use

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

CRN: 0A17379.5 Rev.1

FID#: _____

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.

Scope: CRN renewal. L.R., 3R elbows, tees, caps, reducers (MSS SP-75), L.R., S.R. elbows, returns, 3D elbows, tees, crosses, stub ends, caps, reducers (ASME B16.9), Forged Fittings, SW and Thd. (ASME B16.11); Pipe unions - SW and thd. (MSS SP-43); SW reducer inserts (MSS SP-79); 90deg., 45deg. branch outlets (MSS SP-97). (DGallant)

NUNAVUT
Boilers and Pressure Vessels Act

REGISTERED

CRN 0A17379.5N Rev.1

Date 01/17/2025

Signed _____

Chief Inspector

Sect 1.0 - Fittings Rev.2

Territorial Registration Fee

公 证 书

(2024)苏宝证字第2003号

申请人：扬州华宇管件有限公司，统一社会信用代码：91321023718544699R，住所：宝应县宝应大道99号。

法定代表人：王鑫，男，1992年10月5日出生，公民身份号码：321023199210050411。

公证事项：签名

兹证明扬州华宇管件有限公司的法定代表人王鑫于2024年9月10日来到我处，在本公证员的面前，在前面的英文文件上签名。

中华人民共和国江苏省宝应县公证处

公证员 仇振华

2024年9月11日

IV65164884

NOTARIAL CERTIFICATE

(2024) S.B.Z.Zi, No. 2003

Applicant: YANGZHOU HUAYU PIPE FITTING CO., LTD., Unified Social Credit Code: 91321023718544699R, Address: No. 99, Baoying Street, Baoying County.

Legal Representative: Wang Xin, male, was born on October 5, 1992, ID No.: 321023199210050411.

Issue under notarization: Signature

This is to certify that Wang Xin, the legal representative of YANGZHOU HUAYU PIPE FITTING CO., LTD., came to our notary public office and signed the foregoing English document on September 10, 2024 in the presence of me, the notary public.

Notary: Qiu Zhenhua (Signature)

Baoying Notary Public Office,

Jiangsu Province (Seal)

The People's Republic of China

September 11, 2024

IV65164885

As per CSA B51:24 and provincial jurisdictions, The Category A fittings manufactured by Yangzhou Huay Pipe Fitting Co. Ltd stated in the scope of registration are exempt from CRN registration in the province of British Columbia, Saskatchewan, Manitoba and Quebec

Annex R (informative)
Synopsis of some exemptions in Canadian jurisdictions

Notes:

1) *This annex is not a mandatory part of this Standard.*
2) *It is the responsibility of users of this Standard to be aware that applicable local regulations can take precedence over the requirements of this Standard.*
3) *The user is also advised that this annex should be considered in the context of this Standard's Preface, in particular paragraphs relating to this Standard as a recommendatory document only, having the force of law only where it has been officially adopted by a Canadian jurisdiction, and that adoption does not necessarily mean that the Standard has been adopted unchanged.*
4) *It is possible that definitions, exemptions, and additional requirements are specified in provincial or territorial statutes or regulations that will differ from those specified in this Standard. For clarifications, interpretations, or other information related to statutes or regulations, the applicable AHJ should be consulted.*
5) *The provisions and requirements of a provincial or territorial Act prevail if there is a conflict between this Standard and the Act.*
6) *The conformity of pressure equipment with this Standard does not relieve the owner of the responsibility for the compliance in accordance with the applicable Act, statutes, or regulations of a Canadian jurisdiction.*
7) *The Acts and regulations are living documents and might be amended from the time of the publication of this Standard.*
8) *The following summary was subject to reasonable efforts to verify that it was valid on the date of the publication of this Standard.*
9) *It is the responsibility of users of this Standard to ensure they have access and be knowledgeable of the provisions and requirements of the latest Acts and regulation in the applicable Canadian Jurisdiction.*

R.1 Exemptions applicable in British Columbia

Categories	Exemptions
Power boilers	≤2 m² heating surface area
Steam heating boilers	≤3 m² heating surface area
Hot water heating boilers	≤3 m² heating surface area
Hot water heating boilers	Has no valves or other obstruction to prevent circulation of fluid between the boiler and an expansion tank that is fully vented to the atmosphere
Hot water heating boilers, steam heating boilers, potable water heaters, refrigeration plant, or pressure vessel plant	Does not contain toxic or flammable contents and is located in a building that contains only four or fewer self-contained residential units
Thermal fluid heaters	≤2 m² heating surface area for high-pressure thermal fluid boilers ≤3 m² heating surface area for low-pressure thermal fluid boilers
Potable water heaters	≤120 kW heat input
Boiler or pressure vessel	Subject to the jurisdiction of Transport Canada under the *Transportation of Dangerous Goods Act* and the *Canada Shipping Act*
Pressure vessels	Operating and with relief valve set pressure ≤103 kPa
Pressure vessels	Used for hydraulic purposes having an operating temperature of less than 82 °C if the primary design considerations are mechanical in nature

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Categories	Exemptions
	and stresses are derived from the functional requirements of the device rather than fluid pressure
Gas-insulated switchgear and control gear	Used for control of high voltage electricity
Water storage tanks	• Not equipped with a heating element • Water temperature ≤65 °C and pressure ≤1720 kPa or diameter ≤610 mm
Cushion tanks	Diameter ≤610 mm and working pressure ≤207 kPa
Pressure piping	Operating at and with a relief valve or valves set at ≤103 kPa
Pressure piping	A distribution main or service pipe as defined in the provincial *Gas Safety Regulation*
Pressure piping	≤NPS 3 or in a heating plant exempted from design registration
Pressure retaining component	An integral part of a rotating or reciprocating mechanical device if the primary design considerations or stresses of the device are derived from the functional requirements of the device exempted from design registration
Pressure piping	Domestic water piping systems used in buildings or other structures
Pressure piping	Medical gas piping systems
Pressure piping and fittings	External to the boiler proper in a low-temperature, low-pressure fluid plant or heating plant
Fittings	As per CSA B51
Fittings	Specific fittings in Categories A, B, C and G exempt from registration
Fired-heater pressure coils	N/A (fired heaters treated as either power boiler or thermal fluid boilers depending on heat medium)
Refrigeration	<5 kW prime mover nameplate rating
Refrigeration	Used for air conditioning or refrigerated compartments on railway cars, motor vehicles, motor-drawn vehicles, aircraft, or ships
Air or hydraulic brake systems	Systems subject to the *Motor Vehicle Safety Regulations* under the *Motor Vehicle Safety Act* (Canada)
Air or hydraulic brake systems and steering systems	For off-road vehicles
Penstocks	Exempt

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Categories	Exemptions
Pressure plant	That has one or more pressure vessels and the total volume of all the vessels does not exceed 42.5 L
Pressure equipment	Other than boilers, with a volume not exceeding 42.5 L, that is the subject of a research experiment in a research facility or is part of a temporary apparatus being used in a research experiment in a research facility
Gas systems equipment	Used to convey gas exclusively for fuel purposes and that is subject to the *Gas Code Regulation, AR 111/2010*
Gas-filled electrical switchgear or controlgear	Exempted
Equipment used for clothing care whether or not it is located at a dry-cleaning facility	• A steam chest not exceeding a volume of 42.5 L and operating at a steam pressure not exceeding 1035 kPa • A press not exceeding a volume of 42.5 L and operating at a steam pressure not exceeding 1035 kPa • A spray tank not exceeding a volume of 42.5 L

R.3 Exemptions applicable in Saskatchewan

Categories	Exemptions
Power boilers	A high-pressure boiler that has a heating surface with an area of 2 m^2 or less
Steam heating boilers	• A low-pressure boiler that has a heating surface with an area of 3 m^2 or less • Low-pressure boilers and associated heating system pressure vessels installed in a private dwelling designed to accommodate not more than three families
Hot water heating boilers	• a low-pressure boiler that has a heating surface with an area of 3 m^2 or less • low-pressure boilers and associated heating system pressure vessels installed in a private dwelling designed to accommodate not more than three families • a boiler that is used in connection with a hot liquid heating system that has no valves or other obstructions to free circulation between the boiler and an expansion tank that is fully vented to the atmosphere **Note:** *Also applies to water or water/glycol boilers and not just thermal fluid heaters.*
Thermal fluid heaters	A boiler that is used in connection with a hot liquid heating system that has no valves or other obstructions to free circulation between the boiler and an expansion tank that is fully vented to the atmosphere
Potable water heaters	Potable water heaters with an internal diameter greater than 610 mm that a) operate at a pressure not exceeding 1103 kPa; b) have a heat input not exceeding 58.67 kW; c) produce a water temperature not exceeding 99 °C; and d) have a water capacity not exceeding 454 L
All boilers	A boiler or pressure vessel to which the *Canada Shipping Act* applies or that

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Categories	Exemptions
switch gear	electrical high voltage switch gear or control gear
Hot water storage tanks	A pressure vessel that is used for the storage of hot water and has an internal diameter of 610 mm or less
Hydropneumatic tanks	Hydropneumatic tanks with a maximum diameter of 610 mm, a total volume of 450 L or less, and a maximum temperature of 65 °C or less
Expansion tank	A pressure vessel that is intended to be installed in a closed hot water heating system, has a working pressure of 207 kPa or less, and has an internal diameter of 610 mm or less
Pressure piping	• A pipeline as defined in *The Pipelines Act, 1998* • Pressure piping systems that a) contain hot water at a pressure of 1 103 kPa or less or at a temperature of 121 °C or less; and b) form part of a low-pressure boiler plant • Pressure piping systems that are not connected to or used in connection with a boiler or pressure vessel • Medical gas piping systems • Air piping with a diameter of 25.4 mm or less
Refrigeration	A refrigeration plant that has a capacity of 3 tonnes or less of refrigeration in 24 h

R.4 Exemptions applicable in Manitoba

Categories	Exemption
Power boilers	Act does not specify boiler types (see below)
Steam heating boilers	Act does not specify boiler types (see below)
Hot water heating boilers	Act does not specify boiler types (see below)
Thermal fluid heaters	No exemption listed in regulation therefore as per CSA B51
Potable water heaters	No exemption listed in regulation therefore as per CSA B51
All boilers	• <3 HP • Those that are used for heating a building designed and constructed as a private residence and intended to house not more than one family • Those that are used for heating a building used solely for residential purposes and containing not more than two separate apartments or suites
Pressure vessels	Does not include a) those that have a capacity of less than 1 1/2 ft^3; and b) those that are operated subject to a pressure of less than 103.4 kPa (15 psi)
Water storage tanks	No exemption listed in regulation therefore as per CSA B51
Cushion tanks	No exemption listed in regulation therefore as per CSA B51
Hydropneumatic tanks	Means a vessel at a pressure exceeding 103.4 kPa (15 psig); see pressure

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Categories	Exemption
	vessel exemption above
Hot water tank	Means a pressure vessel at a pressure exceeding 103.4 kPa (15 psig) and having a diameter of more than 610 mm (24 in)
Pressure piping	Piping volume less than 481 L (17 ft³) exempt from registration
Fittings	Categories A, B, C, and G category fittings exempt from registration
Fired-heater pressure coils	No exemptions listed in regulation therefore as per CSA B51
Refrigeration	See pressure vessel exemption above

R.5 Exemptions applicable in Ontario

Categories	Exemption
Power Boilers	A boiler having a heating surface of 0.93 m² (10 ft²) or less
Low-pressure boilers	A low-pressure boiler that has either a wetted heating surface of 2.79 m² (30 ft²) or less or a power rating of 30 kW or less
Thermal Fluid Heaters	No specific exemption for thermal fluid boilers
Potable Water heaters	No specific exemption for potable water heaters
All Boilers	A boiler that is used in connection with a hot liquid heating system that has no valves or other obstructions to free circulation between the boiler and an expansion tank that is vented freely to the atmosphere
Pressure vessels and piping systems	A pressure vessel, fitting or piping that contains a gas, vapour, or liquid at a maximum allowable working pressure of 103 kPa (15 psi) or less
Water storage tanks	Pressure vessel for domestic use that has an internal diameter of 610 mm (24 in) or less for the storage of hot water where the temperature does not exceed 100 °C (212 °F) and the heat input is 120 kW or less
Cushion tanks	A pressure vessel that has an internal diameter of 610 mm (24 in) or less that is connected in a liquid pumping system at a temperature that does not exceed 65 °C (150 °F) and contains air or an inert gas compressed to serve as a cushion
Hydropneumatic tanks	A pressure vessel that is used exclusively for hydraulic purposes at a temperature no greater than 65 °C (150 °F)
Pressure vessel used as water heater	No specific exemption
A pressure container	Pressure containers that form an integral part of or are a component of rotating or reciprocating mechanical devices including pumps, compressors, turbines, generators, engines, and hydraulic or pneumatic cylinders where the primary design considerations or stresses, or both, are derived from the functional requirements of the device
Pressure vessel	A pressure vessel having a capacity of 42.5 L (1.5 ft³) or less that is not a fitting
Pressure vessel	A pressure vessel having an internal diameter of 152 mm (6 in) or less

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R.6 Exemptions applicable in Québec

Categories	Exemption
All boilers	A boiler a) of the high-pressure kind, whose heating surface is 1 m² or less or whose power is 10 kW or less; b) of the steam, hot water or thermal fluid low-pressure kind, whose wet heating surface is 3 m² or less or whose power is 30 kW or less; c) whose pressure is 103 kPa or less, open circuit, and that has no valve between the boiler and the vent leading directly to the atmosphere; d) of the hot water kind, whose power is 60 kW or less, whose water temperature is 99 °C or less, and whose pressure is 1100 kPa or less; e) of the hot water or steam kind, that has the following characteristics: i) it has no steam drum or steam header; ii) the tubes and coils are not used to produce steam; iii) it is provided with manually operated nozzles or sprinklers that conduct the fluid directly into the atmosphere; iv) the tubes have an outside diameter not exceeding 25 mm and the pipes have a nominal diameter not exceeding 19 mm; v) its water volume does not exceed 23 L; vi) it is provided with a temperature control device that prevents the water temperature from exceeding 180 °C; and vii) it is provided with an overpressure safety relief device adjusted to and sealed at a pressure not exceeding the design pressure indicated on the boiler
Pressure vessels	• An expansion tank whose diameter is 610 mm or less and whose pressure is 205 kPa or less • A mobile pressure vessel not forming part of a pressure installation and used to transport gas or liquid under pressure, or used for the propulsion or operation of a vehicle, a vehicle component, or equipment
Hydropneumatic tanks	A hydropneumatic tank whose diameter is 610 mm or less, whose volume is 450 L or less and whose temperature is 65 °C or less
Hot water tank	• A hot water tank whose diameter is 610 mm or less • A hot water tank that is not provided with a power source and that contains water at a temperature of 99 °C or less
Pressure piping	• of the low-pressure kind, except thermal fluid piping connected to a boiler subject to this regulation • of a refrigeration system whose capacity is 11 kW or less • for fire protection • for compressed air, whose nominal diameter does not exceed 19 mm • used to convey pressurized gas or liquid for combustion purposes and that is subject to Chapter II, Gas, or Chapter VIII, Petroleum Equipment Installation, of the Construction Code (chapter B-1.1, r. 2)
Fittings	Despite the provisions regarding the registration of designs provided for in the Manufacturing Code, the designs and specifications for piping and accessories of categories A, B, and C, manufactured in accordance with a standard recognized at the national level by the American Society of Mechanical Engineers (ASME), are not required to be registered with the

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Categories	Exemption
	Board.
Refrigeration	This Regulation does not apply to a refrigeration system whose drive motor has a maximum rated power of 125 kW, is tested and certified by an approved test laboratory, and meets all the requirements of CSA B52, *Mechanical refrigeration code*. **Note:** *The way this should be understood is that no inspection is performed on such skids since these are already tested and certified as a complete unit. However, inspection is still performed on the refrigeration install (refrigeration piping, technical room, controls, safeties, exits) to verify conformance to CSA B52.*
Other exemptions	• A water heater whose diameter is 610 mm or less and whose power is 120 kW or less • A pressure vessel used as the enclosure for gas pressurized electric equipment and for any tank forming part thereof • Pressure equipment whose primary design data and primary constraints come from the equipment's operating conditions such as a pump, a compressor, a turbine, an engine, or a hydraulic cylinder • Well control pressure equipment used in the petroleum, gas, or geothermal prospection and exploitation industry, and in underground storage and intended to contain or control the well's pressure • Pressure equipment used for research and experimentation purposes in a research or teaching establishment; • A pressure vessel not provided with a direct power source and containing an incompressible liquid whose vapour pressure is 205 kPa or less in absolute pressure at the maximum operating temperature.

R.7 Exemptions applicable in New Brunswick

Categories	Exemption
Thermal fluid heaters	No exemption listed
All boilers	This Regulation does not apply to boilers or pressure vessels subject to inspection under the *Canada Shipping Act*, Chapter S-9 of the *Revised Statutes of Canada, 1970*, or to boilers or pressure vessels in a building occupied for residential purposes by not more than four families. Heat exchangers of the fin-tube type which have up to 10 m^2 (100 ft^2) of bare tube heating surface are exempt from shop inspection. A vessel in which steam is or may be generated or hot water produced under pressure, having a capacity of more than 0.085 m^3 (3 ft^3) and includes any pipe or fitting, prime mover, machinery, or other equipment attached to it or used in connection with it, but does not include a boiler used solely for heating purposes in a building occupied for residential purposes by not more than four families.
Pressure vessels	Act/Regulation refers to "boiler" and "pressure vessel" definitions (see Regulation for potentially applicable exemptions)
Hydropneumatic tanks	A pressure vessel having a diameter of more than 610 mm (24 in) and containing both liquid and air at a pressure exceeding 103 kPa (15 psig)

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