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September 18, 2013

BEN CHEN  
CERTIFIED CASTINGS INC  
60-8 BRISTOL RD E NO 308  
MISSISSAUGA ON L4Z 3K8  
CA

**Service Request Type:** BPV-Fitting Registration

**Service Request No.:** 1247946

**Your Reference No.:**

**Registered to:** QINGDAO H R INTERNATIONAL CO LTD

Dear BEN CHEN,

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

**CRN No.:** 0A16313.5

**Main Design No.:** Threaded fittings ASME B16.3, Threaded Unions ASME B16.39 and Pipe nipples ASTM A733 (refer to the attachment to the Statutory Declaration Form)

**Expiry Date:** 18-Sep-2023

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

The stamped copy of the approved registration and the invoice are mailed separately. 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](mailto:customerservices@tssa.org). We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Mark Valcic P. Eng.  
Engineer BPV  
Tel.: 416-734-3494  
Fax: 416-231-6183  
Email: [mvalcic@tssa.org](mailto:mvalcic@tssa.org)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will  
appear on the fitting, in the space below

## STATUTORY DECLARATION

### Registration of Fittings

I, ZHAOCUN YIN, OWNER

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

of QINGDAO SHINVEY VALVE CO LTD

(Name of Manufacturer)

Located at JINLING INDUSTRY PARK, JIHONGTAN, CHENGYANG, QINGDAO. 0532 55676066 0532 55676056  
(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  
ASTM A197, ASME B16.3 B16.4, B16.39 ANSI B1.20.1 & ASTM A53 ASTM A106 ASTM A733 ANSI B1.20.1 & FILE NO.1, FILE NO.2

(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 ISO9001:2008 which has been verified by the following authority, CHINA QUALITY CERTIFICATE CENTRE. The items covered by this declaration, for which I seek registration, are category MALLEABLE IRON PIPE FITTINGS AND STEEL PIPE NIPPLES type fittings. In support of this application, the following information and/or test data are attached as follows: DRAWINGS & ATTACH FILE NO.1, ATTACH FILE NO.4

(drawings, calculations, test reports, etc.)

Declared before me at Toronto in the Province of Ontario  
the 11th day of September AD 20 13.

Commissioner for Oaths:

JIN NING WANG  
(Printed name)

[Signature]  
(Signature)

[Signature]  
(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 A1.

CRN:

0A16313.5

Registered by:

MARK VALCIC, P.ENG

Dated:

SEPT. 18, 2013

NOTE: This registration expires on:

SEPT. 18, 2013

PV 09553 (1/12)

NOTE: SEE THE ATTACHMENT FOR THE SCOPE OF REGISTRATION. WANG  
SEPT. 18/13

Technical  
Standards  
and Safety  
Authority

Boilers and  
Pressure Vessels  
Safety Program

REGISTERED

C.R.N.:

0A16313.5

Signed:

[Signature]

Date:

SEPT. 18, 2013

ATTACH FILE 1 Title of the Standards of Construction

Class 150 Malleable Iron Pipe Fittings

drawing	Article	Standard
S-01	90deg & 45deg Elbows, Tees, Crosses(Straight Sizes)	Material: ASTM A197/197M Dimensions: ASME B16.3 Threads: ANSI B 1.20.1
S-02	90deg Elbows, & Crosses(Reducing Sizes)	
S-03	Tees(Reducing Sizes)	
S-05	90deg & 45deg Street Elbows,	
S-06	Couplings	
S-07	Caps	
S-09	Unions	Material: ASTM A197/197M Dimensions: ASME B16.39 Threads: ANSI B 1.20.1
S-10	Bushings	Dimensions: ASME B 16.14
S-11	Square Head Plugs	Material: ASTM A197/197M
S-14	Locknuts	Threads: Threads: ANSI B 1.20.1

Pipe Nipples

S-15	Steel Pipe Nipple	Material:ASTM A53 ,ASTMA106 Dimensions: ASTM A733, Threads: ANSI B 1.20.1
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Pressure-temperature Ratings for Malleable Iron fittings,

Temperature, °F	Class 150, psig
-20 to 150	300
200	265
250	225
300	185
350	150 [Note (1)]
400	...
450	...
500	...
550	...

Note:

- (1) Permissible for service temperature up to 366°F,  
reflecting the temperature of saturated steam at 150psig

