

March 19, 2014

Attention: Charles Liu
KEDKEP CONSULTING INC
295 DEARBORN BLVD
WATERLOO, ON

The design submission, tracking number 2014-01542, originally received on February 19, 2014 was surveyed and accepted for registration as follows:

CRN : 0A16610.52

Accepted on: March 19, 2014

Reg Type: New Design

Expiry Date: January 24, 2024

Drawing No. : PRODUCT CATALOG

Fitting type: B16.9 & B16.11 PIPE FITTINGS

Design registered in the name of : JIANGYIN ZHONGNAN HEAVY INDUSTRIES LTD

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

Scope of registration attached to Statutory Declaration form.

- This registration has been issued:

1. Based on TSSA's review.
2. Based on the Association of Chief Inspectors Policy on Reciprocal Recognition of Design Review for Vessel Design Registration of August 1997.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

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

Enclosed are stamped prints for your reference.

Sincerely,



RADISAVLJEVIC, ZANA, R.E.T.

Scope of Registration B16.9 Fittings

90 degree SR Elbow: 1"~24", SCH5S ~ SCHXXS

90/45 degree LR Elbow: 1/2"~24", SCH5S ~ SCHXXS. 26" ~ 48", SCH5S ~ SCHXS

Tees/crosses: 1/2"~24", SCH5S ~ SCHXXS. 26" ~ 48", SCH5S ~ SCHXS

Reducers: 1/2"~24", SCH5S ~ SCHXXS. 26" ~ 48", SCH5S ~ SCHXS

Caps: 1/2"~24", SCH5S ~ SCHXXS. 26" ~ 48", SCH5S ~ SCHXS

Stub ends: 1/2"~24", SCH5S ~ SCHXXS

0A16610.52

Material:

Standards	Grades
ASTM A234/ ASME SA234	WPB, WPC, WP11 CL1, WP11 CL2, WP11 CL3, WP12 CL1, WP12 CL2, WP22 CL1, WP22 CL3, WP5 CL1, WP5 CL3, WP9 CL1, WP9 CL3, WP91
ASTM A420/ ASME SA420	WPL6, WPL9, WPL3, WPL8
ASTM A403/ ASME SA403	WP304, WP304L, WP304H, WP316, WP316L, WP316H, WP321, WP321H, WP310S, WP317, WP317L, WP347, WP347H, WP904L
ASTM A815/ ASME SA815	WPS31803, WPS32750, WPS32760, WPS32205

Scope of Registration B16.11 Fittings

Socket welding fittings listed in Table 1 (I-1): 1/8" ~ 4", 3000# to 9000#

Forged threaded fittings listed in Table 2 (I-2): 1/8" ~ 4", 2000# to 6000#

Forged threaded fittings listed in Table 3 (I-3): 1/8" ~ 2", 3000# & 6000#

Threaded fittings listed in Table 4 (I-4): 1/8" ~ 4", 3000# & 6000#

Plugs and bushings listed in Table 5 (I-5): 1/8" ~ 4"

Material:

Standards	Grades
ASTM A105 / ASME SA105	A105
ASTM A350 / ASME SA350	LF1, LF2, LF3, LF5, LF6, LF9
ASTM A182 / ASME SA182	F304, F304L, F304H, F310, F316, F316L, F316H, F317, F317L, F347, F347H, F321, F321H, F316Ti, F11 CL1, F11 CL2, F11 CL3, F12 CL1, F12 CL2, F22 CL1, F22 CL3, F5, F9, F91, F51, F52, F53, F55, F60, F65, F904L
ASTM B564 / ASME SB564	UNS N04400, UNS N06600, UNS N06625, UNS N08800, UNS N08825, UNS N08810, UNS N10276

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. 0B16610.52

DATE OF REGISTRATION or CAT NO. Product Catalog

TYPE OF FITTINGS 3/16-9x 8/16-11 PIPE FITTINGS

MAR 19 2014 INITIALS J. R.

DATE ZANA RADISAVLJEVIC, P.E.T. DESIGN SURVEY



the pressure equipment safety authority

STATUTORY DECLARATION Registration of Fittings

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

ZNHI

I, Mr. Chen shao zhong,Chairman of the board

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

of Jiangyin Zhongnan Heavy Industries Co., Ltd.

(name of manufacturer)

located at No.788 Jinshan Road, High&New Technique Industries Development Zone, Jiangyin City, Jiangsu Province, PRC

(plant address)

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

- ☒ comply with the requirements of ASME B16.9-2012, B16.11-2011 which specifies the dimensions, (title of recognized North American Standard)
- materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, China United Certification Center as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are category A type fittings

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

ISO9001, catalog B16.9 1/2" to 48" & proof test report/ B16.11 1/8" to 4" 2000# to 9000#

DECLARED before me at Jiangyin City in the Jiangsu Province of China

this 13th day of January, 2014

(Month)

(Year)

(print) Chen shao zhong

(sign) _____

(A Commissioner for Oaths)

Chen shao zhong
(Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category

Registration Number: 2R.0B16610-52Date Registered: MAR 19 2014

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: Jan 24, 2024

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

0A16610-52

0A16610-52

March 19, 2014

Attention: Charles Liu
KEDKEP CONSULTING INC
295 DEARBORN BLVD
WATERLOO, ON

The design submission, tracking number 2014-01541, originally received on February 19, 2014 was surveyed and accepted for registration as follows:

CRN : 0B16600.52

Accepted on: March 19, 2014

Reg Type: New Design

Expiry Date: January 24, 2024

Drawing No. : PRODUCT CATALOG

Fitting type: B16.5 & B16.47 FLANGES

Design registered in the name of : JIANGYIN ZHONGNAN HEAVY INDUSTRIES LTD

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

Scope of registration attached to Statutory Declaration form.

- This registration has been issued:

1. Based on TSSA's review.
2. Based on the Association of Chief Inspectors Policy on Reciprocal Recognition of Design Review for Vessel Design Registration of August 1997.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

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

Enclosed are stamped prints for your reference.

Sincerely,



RADISAVLJEVIC, ZANA, R.E.T.

Scope of Registration B16.5 Flanges

2"~24", 150# ~ 2500#, threaded, slip-on, socket welding, lapped, blind, welding neck

Material:

Standards	Grades
ASTM A105 / ASME SA105	A105
ASTM A350 / ASME SA350	LF1 CL1、LF2、LF3、LF6 CL1、LF6 CL2
ASTM A182 / ASME SA182	F304、F304L、F304H、F310、F316、F316L、 F316H、F317、F317L、F347、F347H、F321、 F321H、F11 CL2、F12 CL2、F22 CL3、F5、F9、 F91、F51、F53、F55
ASTM B564 / ASME SB564	UNS N04400、UNS N06600、UNS N06625、UNS N08800、UNS N08825、UNS N08810

Scope of Registration B16.47 Flanges

Series A: 26"~60", 150# ~ 900#

Series B: 26"~60", 75# ~ 900#

Material:

Standards	Grades
ASTM A105 / ASME SA105	A105
ASTM A350 / ASME SA350	LF1 CL1、LF2、LF3、LF6 CL1、LF6 CL2
ASTM A182 / ASME SA182	F304、F304L、F304H、F310、F316、F316L、 F316H、F317、F317L、F347、F347H、F321、 F321H、F11 CL2、F12 CL2、F22 CL3、F5、F9、 F91、F51、F53、F55

ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
REGISTRATION OF FITTINGS
REGISTRATION NO. 0816600.52
DWG. NO or CAT NO Product Catalog
TYPE OF FITTINGS B16.5 & B16.47 Flanges
MAR 19 2014
Date INITIALS Z. Radisavljevic
ZANA RADISAVLJEVIC, P.E.T.
DESIGN SURVEY



the pressure equipment safety authority

STATUTORY DECLARATION Registration of Fittings

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

ZNHI

I, Mr. Chen shao zhong,Chairman of the board

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

of Jiangyin Zhongnan Heavy Industries Co., Ltd.

(name of manufacturer)

located at No.788 Jinshan Road, High&New Technique Industries Development Zone, Jiangyin City, Jiangsu Province, PRC

(plant address)

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

- ☒ comply with the requirements of ASME B16.47-2011, B16.5-2009 which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☐ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, China United Certification Cen as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are category B type fittings

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

ISO9001, flange catalogue B16.5 150#-2500# 2" to 24", B16.47 SERIES A 150# to 900# 26" to 60", SERIES B 75# to 900# 26" to 60".

DECLARED before me at Jiangyin city in the Jiangsu Province of Chinathis 13th day of January, 2014

(Month) (Year)

(print) Chen shao zhong

(sign) _____

(A Commissioner for Oaths)

Chen Shao Zhong
(Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category B

Registration Number: 0 B 1 6 6 0 0 . 5 2MAR 19 2014

(For the Administrator/Chief Inspector of Alberta)

Expiry Date: Jan 24, 2024

Date Registered: _____