

Fax 1-574-295-3007



14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772
www.tssa.org

July 20, 2011

CHARLES STUTSMAN
NIBCO INTERNATIONAL
1516 MIDDLEBURY STPO BOX 1167
ELKHART IN 46515-1167
US

Service Request Type: BPV-Fitting Registration
Service Request No.: 619982
Your Reference No.: CAT A FITTING- COOPER & COOPER ALLOY FITTINGS

Dear CHARLES STUTSMAN,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission on June 30, 2011 has been reviewed and registered as follows:

CRN No.: 0A14656.5
Reference No.: CAT A FITTING- COOPER & COOPER ALLOY FITTINGS
Main Design No.: NIBCO Copper & copper alloy wrought and cast pipe fittings,
Dwg. No. AP-12245 ET AL
Expiry Date: 20-Jul-2021

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

A stamped copy of the approved registration and invoice for engineering services will be mailed to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

NOTE: All registered fittings shall fully meet dimensional and Pressure/Temperature rating requirements specified in the ASME B16.22 and B16.18 stanadards.

Yours truly,

Mark Valcic P. Eng.
Engineer BPV
Tel: 416-734-3494
Fax: 416-231-6183
Email: 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

NIBCO

STATUTORY DECLARATION
Registration of Fittings

I, Charles Stutsman, Standards and Codes Engineer
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of NIBCO Inc.
(Name of Manufacturer)

Located at 723 South Fredonia Street, Nacogdoches, Texas, USA (409) 564-8321 (409) 7560-0877
(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

(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 ASME B16.18 and B16.22 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.

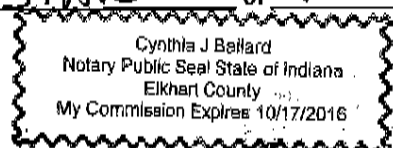
I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001-2008 which has been verified by the following authority, Bureau Veritas

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:

Copper and copper alloy solder fittings. 1/8"-8". Spread sheet, drawings, catalog page, ISO document
(drawings, calculations, test reports, etc.)

Declared before me at ELKHART in the STATE of INDIANA

the 21 day of JUNE AD 20 11.



Commissioner for Oaths:

CYNTHIA J. BALLARD
(Printed name)

Cynthia J. Ballard
(Signature)

Charles M. Stutsman
(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:

0A14656.5

Registered by:

MARK VALCIC, P.ENG.

Dated:

July 20, 2011

NOTE: This registration expires on

July 20, 2021

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.:

0A14656.5

Signed:

Date:

Mark Valcic
July 20, 2011

NOTE: SEE THE ANNEX FOR THE ADDITIONAL TWO MFG. FACILITIES AND THE SCOPE OF REGISTR. FIVE (5) PAGES. Mark Valcic July 20/11

June 16, 2011

Annex TSSA Statutory Declaration, Registration of Fittings

Second manufacturing location:

NIBCO de Reynosa
6410 S. 33rd Street
McAllen, Texas 78503-8855
USA
Telephone: (956) 687-4916
Fax: (956) 687-1538

NIBCO Inc., Virginia
131 Johnson Drive
Stuarts Draft, Virginia 24477-5734
Telephone: (540) 337-1213
Fax: (540) 337-4506

THIS IS PART OF
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 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
Updated July 2011

A	B	C	D	E	F	G
1	NIBCO INC	UPDATE AS OF	6/14/2011			
2	COPPER ALLOY FITTINGS					
3	CATALOG C-CF-0410					
4						
5						
6						
7	FIG. NUMBER	CONFIGURATION	DESIGN & Dimension STANDARD	VESSEL MATERIAL ASTM	SIZE NOMINAL INCH	APPLICATION STANDARDS
8	603	Female Threaded Adapter C X F	ASME B16.22	B75 C12200	1/8" thru 4"	B-31.1 B-31.3
9	703	Female Threaded Adapter C X F	ASME B16.18	B584 C84400	1/4" thru 4"	YES YES
10	603-2	Female Threaded Adapter Ftg X F	ASME B16.22	B75 C12200	1/4" thru 2"	YES YES
11	703-2	Female Threaded Adapter Ftg X F	ASME B16.18	B584 C84400	1/4" thru 3"	YES YES
12	703-5	Female Threaded Adapter w/Ears C X F	ASME B16.18	B584 C84400	1/4" thru 3"	YES YES
13	703-5B	Female Threaded Adapter w/Ears C X F	ASME B16.18	B584 C84400	1/4" thru 3"	YES YES
14	604	Male Threaded Adapter C X M	ASME B16.22	B75 C12200	1/8" thru 4"	YES YES
15	704	Male Threaded Adapter C X M	ASME B16.18	B584 C84400	3/4" thru 5"	YES YES
16	704-F	Flush Male Thread Adapter C X M	ASME B16.18	B584 C84400	1/2" thru 3/4"	YES YES
17	704-H	Hose Adapter CX Hose	ASME B16.18	B584 C84400	1/2"	YES YES
18	604-2	Male Threaded Adapter Ftg X M	ASME B16.22	B75 C12200	3/8" X 1"	YES YES
19	704-2	Male Threaded Adapter Ftg X M	ASME B16.18	B584 C84400	3/4" X 3"	YES YES

THIS IS PART OF
CRN 0A16 S6.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
Martin July 2011

	A	B	C	D	E	F	G
20	704-2-H	Hose Adapter	ASME B16.18	B584 C84400	3/4"	YES	YES
21	619	Air Chamber	ASME B16.22	B75 C12200	1/2" thru 3/4"	YES	YES
22	750	Bulkhead Fitting X C	ASME B16.18	B584 C84400	1/2" thru 2"	YES	YES
23	750-3	Bulkhead Fitting X F	ASME B16.18	B584 C84400	1/2" thru 1"	YES	YES
24	750-4	Bulkhead Fitting X M	ASME B16.18	B584 C84400	1/2" thru 3/4"	YES	YES
25	618	Flush Bushing Fig X C	ASME B16.22	B75 C12200	1/8" Thru 2"	YES	YES
26	618-3	Flush Bushing Fig X F	ASME B16.22	B75 C12200	1/8" thru 1/2"	YES	YES
27	617	Tube Cap C	ASME B16.22	B75 C12200	1/8" thru 4"	YES	YES
28	717	Tube Cap C	ASME B16.18	B584 C84400	5 thru 6	YES	YES
29	717-D	Drain Cap C X Drain	ASME B16.18	B584 C84400	1/2"	YES	YES
30	600	Coupling C X X	ASME B16.22	B75 C12200	1/8" thru 2 1/2"	YES	YES
31	601	Repair Coupline (no stop) C X X	ASME B16.22	B75 C12200	1/4" thru 8"	YES	YES
32	701	Reducing Coupling X C	ASME B16.18	B584 C84400	3"	YES	YES
33	701-D	Coupling with Drain C	ASME B16.18	B584 C84400	1/2" thru 1"	YES	YES
34	702	Eccentric Coupling X C	ASME B16.18	B584 C84400	1/2" thru 1 1/4"	YES	YES
35	736	Cross-Over Coupling X C	ASME B16.18	B584 C84400	1/2" thru 3/4"	YES	YES
36	735	Cross C X C X C	ASME B16.18	B584 C84400	3/8" thru 2 1/2"	YES	YES
37	606	45° Elbow C X C	ASME B16.22	B75 C12200	1/8" Thru 8"	YES	YES
38	606-2	45° Elbow Ftg X C	ASME B16.22	B75 C12200	1/4" Thru 3"	YES	YES
39	706-2	45° Elbow Ftg X C	ASME B16.18	B584 C84400	4"	YES	YES
40	607	90° Elbow, Close Rough C X C	ASME B16.22	B75 C12200	1/8" Thru 8"	YES	YES
41	707	90° Elbow, Close Rough C X C	ASME B16.18	B584 C84400	1" Thru 4"	YES	YES

THIS IS PART OF
 OSHA 1910.105
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
 J. K. Kelly July 20/11

	A	B	C	D	E	F	G
42	607-1	90° Elbow, Intermediate Radius C XC	ASME B16.22	B75 C12200	1/2" Thru 1"	YES	YES
43	607-LT	90° Elbow, Long Radius CXC	ASME B16.22	B75 C12200	3/16" OD Thru 4"	YES	YES
44	607-2	90° Elbow, Close Rough Ftg XC	ASME B16.22	B75 C12200	1/4" Thru 4"	YES	YES
45	607-2-I	90° Elbow, Intermediate Radius Ftg XC	ASME B16.22	B75 C12200	1/2" Thru 1"	YES	YES
46	607-2-LT	90° Elbow, Long Radius Ftg XC	ASME B16.22	B75 C12200	1/8" Thru 3"	YES	YES
47	607-2-2	90° Elbow, Close Rough Ftg X Ftg	ASME B16.22	B75 C12200	1/2" Thru 3"	YES	YES
48	607-2-2-LT	90° Elbow, Long Radius Ftg X Ftg	ASME B16.22	B75 C12200	1/4" Thru 2"	YES	YES
49	707-2-4	90° Elbow, Close Rough Ftg XM	ASME B16.18	B584 C84400	1 1/2"	YES	YES
50	707-3	90° Elbow, Close Rough CXF	ASME B16.18	B584 C84400	1/4" Thru 2"	YES	YES
51	707-3-5	90° Drop Ear Elbow C XF	ASME B16.18	B584 C84400	3/8" Thru 1"	YES	YES
52	707-3-5-A	90° Hy Set Elbow C XF	ASME B16.18	B584 C84400	1/2"	YES	YES
53	707-3-6	90° Elbow, Union, C XF	ASME B16.18	B584 C84400		YES	YES
54	707-4	90° Elbow CX M C	ASME B16.18	B584 C84400	3/8" Thru 2"	YES	YES
55	707-4-6	90° Elbow, Union, C XM	ASME B16.18	B584 C84400	3/8" Thru 1 1/4"	YES	YES
56	707-5	90° Elbow, Drop Ear, C XC	ASME B16.18	B584 C84400	1/2" Thru 3/4"	YES	YES
57	707-5-A	90° Elbow, Hy Set, C XC	ASME B16.18	B584 C84400	1/2" Thru 3/4"	YES	YES

THIS IS PART OF
CRN 0A4656.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
Walter July 20/11

	A	B	C	D	E	F	G
58	707-6	90° Elbow, Union, X C	ASME B16.18	B584 C84400	3/8" Thru 1 1/4"	YES	YES
59	708	90° Flanged Sink Elbow, C X F	ASME B16.18	B584 C84400	1/2"	YES	YES
60	764	90° Double Elbow, C X C X C	ASME B16.18	B584 C84400	1" X 3/4" X 3/4"	YES	YES
61	600-2	Fitting Reducer X C	ASME B16.22	B75 C12200	1/8" Thru 8"	YES	YES
62	616	Plug, Ftg	ASME B16.22	B75 C12200	3/8" Thru 3/4"	YES	YES
63	638	Return Bend C X C	ASME B16.22	B75 C12200	1/8" Thru 2"	YES	YES
64	739	Return Bend C X C	ASME B16.18	B584 C84400	3/4"	YES	YES
65	705	Baseboard Tee X F X C	ASME B16.18	B584 C84400	1/2" Thru 1 1/4"	YES	YES
66	705-D	Vent Elbow, C X C	ASME B16.18	B584 C84400	1/2" Thru 1"	YES	YES
67	701-3	Tee F X F X C	ASME B16.18	B584 C84400	1/2" Thru 3/4"	YES	YES
68	710-3-4	Tee M X F X C	ASME B16.18	B584 C84400	3/4"	YES	YES
69	611	Tee C X C X C	ASME B16.22	B75 C12200	3/16OD Thru 8"	YES	YES
70	711-A	Suply and Return Tee C X C X C	ASME B16.18	B584 C84400	1/2"	YES	YES
71	611-2	Tee C X Ftg X C	ASME B16.22	B75 C12200	1/2" Thru 3/4"	YES	YES
72	711-5	Tee, Drop Ear X C X C	ASME B16.18	B584 C84400	1/2"	YES	YES
73	712	Tee C X C X F	ASME B16.18	B584 C84400	3/8" Thru 2"	YES	YES
74	712-5	Tee, Drop Ear X C X F	ASME B16.18	B584 C84400	1/2" Thru 3/4"	YES	YES
75	713	Tee C X C X M	ASME B16.18	B584 C84400	1/2" Thru 3/4"	YES	YES
76	714	Tee C X F X C	ASME B16.18	B584 C84400	1/2" Thru 2"	YES	YES
77	698	Suction Line P-Trap X C	ASME B16.22	B75 C12200	1/2" Thru 2"	YES	YES
78	633-W	Wrot Union C X C	ASME B16.22	B75 C12200	1/8" Thru 1"	YES	YES
79	733	Cast Union C X C	ASME B16.18	B584 C84400	1/4" Thru 3"	YES	YES
80	733-2	Cast Union Ftg X C	ASME B16.18	B584 C84400	1/2" Thru 1"	YES	YES
81	733-3	Cast Union C X F	ASME B16.18	B584 C84400	1/4" Thru 2"	YES	YES
82	733-4	Cast Union C X M	ASME B16.18	B584 C84400	1/4" Thru 2 1/2"	YES	YES

	A	B	C	D	E	F	G
83	621	Venturi Insert	ASME B16.22	B75 C12200	1/2" Thru 1 1/4"	YES	YES
84	748	90° Y C X C X C	ASME B16.18	B584 C84400	1/2" Thru 1"	YES	YES
85	749	45° Y C X C X C	ASME B16.18	B584 C84400	1/2" Thru 2"	YES	YES

THIS IS PART OF
 ORDER # OA/4656.5
 Technical Standards & Safety Authority
 Welding & Pressure Vessels
 Safety Program
 Mutual July 20/11