



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 322-06-E

**Manufacturer:** Shurjoint Metals Inc. 489 Wantan Road, Wantan, Pingtung, 91345, Taiwan

**Trade Name(s):** Shurjoint

**Product:** Pipe fittings, coupling and valves

**Pertinent Code Section(s):** Subchapter 17 and Reference Standard RS 17

**Prescribed Test(s):** UL 213, UL Subject 213b, UL 312, UL Subject 321, UL860 (ANSI/ASME B16.3)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** 1. UL File Ex6133, Project 01NK30877 issued March 8, 2002. 2. UL File No. Ex 6134, Project 01NK14669 issued December 12, 2001. 3. UL File Ex6981, Project 04CA09697 issued August 29, 2005. 4. UL File Ex4720, Project 00NK06042 and Ex4688 issued April 7, 2000. 5. UL File Ex4719, Project 02NK51493 issued December 11, 2002. 6. File Ex4689, Projects 03NK27960, 04CA09697, 05NK90085/Ex4688 issued October 20, 2003, revised December 12, 2005. 7. File Ex4688, Projects 02NK20292 and 02NK27960 and Ex4689, Projects 04CA32644 05NK90085, issued March 17, 2003, revised December 12, 2005.

**Description:** Pipe fittings, coupling and valves.

#### Grooved-end Couplings

#7705 Flexible Coupling, Ductile Iron  
#7707 Flexible Coupling, Ductile Iron  
#7771 Rigid Coupling, Ductile Iron  
#Z05 Angle Pad Rigid Coupling, Ductile Iron  
#Z07 Rigid Coupling, Ductile Iron  
#K9 Lightweight Rigid Coupling  
#7041 Flange, Ductile Iron

#7043 Flanges-ANSI 300, Ductile Iron  
#7706 Reducing, Coupling, Ductile Iron  
#C-7T Outlet Coupling, Ductile Iron  
#C-7G Outlet Coupling, Ductile Iron  
#SS-7 Rigid Coupling, Stainless Steel  
#SS-41 Flange, Stainless Steel  
#C301 Rigid Coupling for Copper Tubing, Ductile Iron  
#C341 Flange for Copper Tubing, Ductile Iron

#### Hole-Cut Mechanical Tees

#7721-Mechanical Tee, threaded-end, Ductile Iron  
#7722 Mechanical Tee, grooved-end, Ductile Iron  
#723 Mechanical Tee, Threaded-end, Ductile Iron  
#SS-723 Mechanical Tee, Threaded-end, Stainless Steel

#### Grooved-End Valve

#RCV Riser Check, Valve, Ductile Iron

#### Grooved-End Strainer

#726Y Strainers, Ductile Iron

#### Grooved-end Fittings

#7110 90° Elbow, Ductile Iron  
#7110DR Drain Elbow, Ductile Iron  
#7110LR 1.5 D 90° Elbows, Ductile Iron  
#7111 45° Elbow, Ductile Iron  
#7112 22-1/2° Elbow, Ductile Iron  
#7113 11-1/4° Elbow, Ductile Iron  
#7120 Tees, Ductile Iron  
#7121 Reducing Tee, Ductile Iron  
#7125 Bullhead Tee, Ductile Iron  
#7127 Standpipe Tee, Ductile Iron  
#7130 45° Lateral, Ductile Iron  
#7135 Cross, Ductile Iron  
#7150 Concentric Reducer, Ductile Iron  
#7150M Reducing Nipple, Ductile Iron  
#7150F Reducing Socket, Adapter, Ductile Iron  
#7151 Eccentric Reducer, Ductile Iron  
#7160 End Cap, Ductile Iron  
#7160H Domed Enc Cap, Ductile Iron  
#7160T Transition Fitting  
#55 Nipple Adapter  
#899 End All, Ductile Iron  
#901 Short Radius 90° Elbow, Ductile Iron  
#903 Short Radius Tee  
#7170 Flange Adapter, Ductile Iron  
#7180 Universal Flange Adapter, Ductile Iron  
#71 Female Threaded Outlet Fitting  
# 72C Cut Grooved Outlet Fitting  
#72R Rolled Grooved Outlet Fitting  
#74 Universal Threaded Outlet Fitting

#SS-10 90° Elbow, Stainless Steel  
#SS-11 45° Elbow, Stainless Steel  
#SS-20 Tee, Stainless Steel  
#SS-21 Reducing Tee, Stainless Steel  
#SS-21F Reducing Tee, Stainless Steel  
#SS-50 Concentric Reducer, Stainless Steel  
#SS-50F Concentric Reducer, Stainless Steel  
#SS-60 Cap, Stainless Steel  
#SS-80 Universal Flange Adapter, Stainless Steel  
#C10 90° Elbow, Bronze  
#CC11 45° Elbow, Bronze  
#C20 Reducing Tee, Bronze  
#C21 Reducing Tee, Bronze  
#C26 Reducing Tee, Bronze  
#C50 Concentric Reducer, Bronze  
#C52 Concentric Reducer, Bronze  
#C60 Cap, Bronze

#### Threaded Fittings

#811 90° Elbow, Ductile Iron  
#812 Reducing 90° Elbow, Ductile Iron  
#813 45° Elbow, Ductile Iron  
#814 Tee, Ductile Iron  
#815 Bullhead Tee, Ductile Iron  
#816 Reducing Coupling, Ductile Iron  
#817 Cross, Reducing Cross, Ductile Iron  
#818 Straight Coupling, Ductile Iron  
#819 Plug, Ductile Iron  
#820 Cap, Ductile Iron  
#830 Union, Ductile Iron

Pursuant to “Promulgation of the Rules relating to Material and Equipment Application Procedures” dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated May 8, 2006, F.P. Index # 0604024.

**Terms and Conditions:** The above units are accepted on condition that:

1. All uses, applications and installations shall comply with the provisions of the New York City Building Code, specifically Subchapter 17 and Reference Standards 17-1, 17-2, 17-2A, and 17-2B. Further, the installation shall be in accordance with the manufacturer’s recommendation and UL standard.
2. UL and manufacturer’s maintenance procedures and limitations shall be complied with.

3. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided for in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 27-131 (d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance May 16, 2007  
Examined by Donald Affel