CANADIAN INTERNATIONAL TRADE TRIBUNAL

INSTRUCTION GUIDE FOR COMPLETING QUESTIONNAIRES

COPPER PIPE FITTINGS

INQUIRY NO.: NQ-2006-002

This guide contains instructions for completing questionnaires relating to the Canadian International Trade Tribunal's (the Tribunal's) inquiry respecting the dumping of solder joint pressure pipe fittings and solder joint drainage, waste and vent pipe fittings, made of cast copper alloy, wrought copper alloy or wrought copper, for use in heating, plumbing, air conditioning and refrigeration applications (copper pipe fittings), originating in or exported from the United States of America, the Republic of Korea and the People's Republic of China and the subsidizing of copper pipe fittings originating in or exported from the People's Republic of China, restricted to the products enumerated in the Appendix. Depending upon your firm's operations, you have been asked to reply to a producers', importers' or foreign producers' questionnaire and/or a purchasers' questionnaire on market characteristics. The instructions in this guide are applicable to each of the four types of questionnaires.

The information in the questionnaires that can be downloaded from the Tribunal's Web site at www.citt-tcce.gc.ca/question/index_e.asp is requested pursuant to subsection 17(2) of the *Canadian International Trade Tribunal Act* and is for use by the Tribunal in connection with the inquiry it initiated under section 42 of the *Special Import Measures Act*. The requested information is needed to supplement data available from other sources.

As a domestic producer, importer, foreign producer and/or purchaser of the products in question, as defined in detail on page iii of this guide and in the enclosed Appendix, you are required to complete the relevant questionnaire(s) and return an electronic version on diskette or CD or by using the Tribunal's Secure E-filing Service as explained below and in the Tribunal's notice of commencement of inquiry, or a hard copy to the Secretary, Canadian International Trade Tribunal, Standard Life Centre, 333 Laurier Avenue West, 15th Floor, Ottawa, Ontario K1A 0G7, fax No. 613-990-2439, E-mail: secretary@citt-tcce.gc.ca. Please ensure that you return your completed questionnaire(s) to the Secretary **no later than November 14, 2006**.

In conducting this inquiry, the Tribunal is required to gather the best possible evidence. It is in your interest to ensure that your response to the questionnaire(s) is accurate, complete and returned to the Tribunal on time.

Information that is confidential in nature will be treated in accordance with sections 43 to 49 of the *Canadian International Trade Tribunal Act*, which require that it shall not be made public in such a manner as to be available for the use of any business competitor or rival of the reporting person, firm or corporation.

GENERAL INSTRUCTIONS

1. Please download the questionnaire(s) that you have been required to complete in the letter of the Secretary of the Tribunal dated October 23, 2006, from the Tribunal's Web site – www.citt-tcce.gc.ca/question/index e.asp.

- 2. The questionnaires are divided as follows:
 - The Producers' Questionnaire is divided into three parts:
 - PART I deals with information that is **public** in nature. However, requests to treat any of this information as confidential **must** be fully justified in writing. PART I deals with general company, industry data and product specific information.
 - PART II deals with information that is **confidential** in nature and relates to the company as a whole.
 - PART III deals with information that is **confidential** in nature and relates to product specific information.
 - The Importers' and Foreign Producers' Questionnaires as well as the Purchasers' Questionnaire on Market Characteristics are divided into two parts:
 - PART I deals with information that is **public** in nature. However, requests to treat any of this information as confidential **must** be fully justified in writing. PART I deals with general company, industry data and product specific information.
 - PART II deals with information that is **confidential** in nature and relates to product specific information.
- 3. If the answer to any question is "none," "not applicable" or "not available," please indicate which of these situations applies rather than leave the space blank.
- 4. Completed questionnaire(s) can be filed with the Tribunal electronically using the Tribunal's Secure E-filing Service, or by providing a diskette or CD. If you cannot prepare an electronic version of your response, which is the Tribunal's preference, please file a hard copy with the Tribunal. Completed questionnaire(s) should be filed **EITHER** electronically **OR** in hard copy, but not **BOTH**.
- 5. All information is requested on a **calendar-year** basis. Where adjustments are required to comply with the Tribunal request, please identify the adjustments and give a full explanation of how they were made.
- 6. Please ensure that calculations provided in the questionnaire schedules reconcile by checking the reported data.
- 7. If the information requested is not readily available from your records in exactly the form requested, please furnish prepared estimates, with a full explanation of the methodology used to prepare these estimates.
- 8. Necessary comments or explanations with respect to any question should be made in the space provided or on separate sheets, and attached to the questionnaire.
- 9. Financial working papers and production process flow charts should be stored in separate electronic files on the diskette or CD if an electronic version of the completed questionnaire is sent to the Tribunal. Further explanations to supplement your answers to questions should be stored and sent to the Tribunal as indicated above. If you are forwarding to the Tribunal a paper copy of the completed questionnaire, please also send a paper copy of the above-mentioned support documents. You must ensure that these documents are provided in a photo-copy ready format, unbound, in either English or French and ONLY the relevant pages that cover the products in questions should be submitted.

- 10. If your company has more than one location, facility or outlet, please ensure that you submit to the Tribunal a consolidated reply to the questionnaire.
- 11. Please do not return this instruction booklet to the Tribunal.
- 12. General questions on the Tribunal's inquiry process should be directed to the Secretary of the Tribunal at 613-993-3595 (e-mail: secretary@citt-tcce.gc.ca).
- 13. Specific questions relating to any of the questionnaires should be directed as follows:
 - In the case of the **Producers' Questionnaire**: to Manon Carpentier at 613-993-7872 (e-mail: mcarpentier@citt-tcce.gc.ca);
 - In the case of the **Importers' Questionnaire**: to Mark Howell at 613-993-7041 (e-mail: mhowell@citt-tcce.gc.ca);
 - In the case of the **Foreign Producers' Questionnaire**: to Nadine Comeau at 613-990-0625 (e-mail: ncomeau@citt-tcce.gc.ca); and
 - In the case of the **Purchasers' Questionnaire on Market Characteristics** to Ihn Ho Uhm at 613-990-2416 (e-mail: iuhm@citt-tcce.gc.ca).

PRODUCT DEFINITION

The goods subject to this inquiry are defined as:

solder joint pressure pipe fittings and solder joint drainage, waste and vent (DWV) pipe fittings, made of cast copper alloy, wrought copper alloy or wrought copper, for use in heating, plumbing, air conditioning, and refrigeration (ACR) applications (copper pipe fittings), originating in or exported from the United States of America, the Republic of Korea (South Korea) and the People's Republic of China (China) in the case of the dumping, and copper pipe fittings originating in or exported from China, in the case of the subsidizing, restricted to the products enumerated in the Appendix.

PRODUCT CATEGORY DEFINITIONS

Some questions in the questionnaires request information by product category. The four product categories are defined as follows:

Category 1: **Pressure Copper Pipe Fittings: Wrought**

Category 2: **Pressure Copper Pipe Fittings: Cast**

Category 3: **DWV Copper Pipe Fittings: Wrought**

Category 4: **DWV Copper Pipe Fittings: Cast**

If your records do not segregate the information into the above four product categories, please provide estimates for each category, with a full explanation of the methodology used to prepare these estimates.

The remainder of the questions in the questionnaires request information for **all subject copper pipe fittings**.

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OTHER DEFINITIONS

Please note that some of the following definitions may not be relevant to the questionnaire that your firm is required to complete.

Associated Firms:

Firms that are related to each other in **any manner**. For example: firms are associated or related if an officer or director of one firm is an officer or director of the other, or if a firm directly or indirectly owns, holds or controls shares of the other firm, or if a firm is the exclusive distributor for another. An arm's length (independent) customer/supplier relationship, by itself, does not mean firms are "associated".

Delivery Costs:

The average delivery costs (freight, handling and insurance), from the point of direct shipment in Canada to your customers, whether included in the selling value or incurred separately by your customers, expressed as a percentage of the net delivered selling value.

Direct Employment:

Employees whose tasks can be readily traced (by observation) to the production of **copper pipe fittings** are properly considered direct labour costs in the company's statement of cost of goods manufactured for **copper pipe fittings** in response to question 38 in the "Financial" section of the Producers' Questionnaire.

Indirect Employment:

Includes plant personnel such as supervisors, superintendents and quality control employees, but does not include sales and administrative personnel.

Net Delivered Purchase Value:

a) For domestic purchases:

The net delivered purchase value is the laid-in cost net of all cash, quantity or deferred discounts, allowances, taxes, rebates and incentives, but *including* delivery costs (freight, handling and insurance) to your warehouse.

b) For imports:

The net delivered purchase value is the laid-in cost net of all cash, quantity or deferred discounts, allowances, taxes, rebates and incentives, but *including* all import costs such as customs and other duties, brokerage fees and delivery costs (freight, handling and insurance) to your warehouse. The net delivered purchase value should be stated in Canadian dollars as declared for Customs purposes.

Net Delivered Selling Value:

a) For sales from domestic production:

The net delivered selling value is net of all cash, quantity or deferred discounts, allowances and taxes whether or not shown on every invoice. These discounts, allowances and taxes include, but are not limited to, discounts and cash discounts, rebates and incentives. However, it *includes* delivery costs (freight, handling and insurance) from the point of direct shipment in Canada paid by your firm and included in the selling price or an estimate of the delivery costs incurred by your customer.

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b) For sales from imports:

The net delivered selling value is net of all cash, quantity or deferred discounts, allowances and taxes whether or not shown on every invoice. These discounts, allowances and taxes include, but are not limited to, discounts and cash discounts, rebates and incentives. However, it *includes* delivery costs (freight, handling and insurance) from the point of direct shipment in Canada paid by your firm and included in the selling value or an estimate of the delivery costs incurred by your customer in Canadian dollars.

Period of Inquiry:

This inquiry covers the period from January 1, 2003, to September 30, 2006 (i.e. full years 2003 to 2005 and the first nine months of 2006). In some questions, information is requested on an "Interim" basis. Interim refers to January 1 to September 30 of the years specified. Please note that financial questions in the Producers' Questionnaire request information for **calendar years** 2003 to 2005 as well as for the first nine months of 2005 and 2006.

Practical Plant Capacity:

This is the greatest level of output from the machinery and equipment used in the production of different categories of **copper pipe fittings** that your plant can achieve on a continuous basis within the framework of a realistic work pattern. Consideration should be given to the typical product mix, number of shifts per day, annual operating days, etc., experienced during the past five years.

Trade Level:

Where this information is requested, it refers to the level at which the customer or the account conducts its business. Examples of different trade levels that might be indicated in your replies would include broker, trader, wholesaler, distributor, retailer, mass merchandiser, original equipment manufacturer (OEM), contractor and end user.

Units of Volume:

All responses to volume questions in the questionnaires should be expressed in **pieces** (i.e. the number of individual units of adapters, bushings, couplings, elbows, tees, etc.).

For example, 1 box, bag or carton containing 50 wrought copper pressure couplings should be reported as 50 pieces.

If your reporting parameter is not "pieces", please use a conversion methodology to furnish the information as requested, and provide a full explanation of the methodology used to convert your reporting parameter into "pieces".

APPENDIX

The following information is to be taken into consideration in identifying **copper pipe fittings** (subject goods) being investigated by the Canada Border Services Agency (CBSA):

- 1. The subject goods are identified in terms of imperial measurement, i.e. inches. The CBSA is also investigating subject goods that encompass the metric equivalents of the imperial measurement. The term metric equivalent refers to those fittings that are soft converted equivalents of the imperial sized fittings and does not include fittings made specifically in metric dimensions.
- 2. The subject goods are identified either as a wrought product or as a cast product. Where a subject good contains an asterisk ("*") the CBSA is investigating both the wrought product and the cast product.
- 3. The subject goods are identified in terms of nominal size. Plumbing and heating fittings are marked according to nominal sizes that correspond to the inside diameters, while fittings for air conditioning and refrigeration are based on actual outer diameter sizes. The CBSA is also investigating subject goods that are described in terms of their outside diameter size. To determine the nominal size of a fitting that is measured in terms of it's outside diameter size, always subtract ½" from the outside diameter size.
- 4. The subject goods are identified using abbreviated terms provided by the complainant (Cello Products Inc.). The following is a list of the terms:

| | Abbreviation Chart | | | |
|----|-------------------------------------|-----|--------------------------|--|
| WP | Wrought Pressure | FTG | Fitting End (Street End) | |
| WD | Wrought Drainage | LT | Long Turn | |
| CP | Cast Pressure | MJ | Mechanical Joint | |
| CD | Cast Drainage | DE | Drop Ear | |
| C | Copper Tube Cupped End or Sweat End | DWV | Drainage, Waste, Vent | |
| M | Male NPT Thread | TY | 90° Drainage Tee | |
| FE | Female NPT Thread | Y | 45° Drainage Tee | |
| SJ | Slip Joint End | | | |

Subject Copper Pipe Fittings—Female Adapters

| 1-1/4 CXFE CD ADAPTER* | 1-1/2 FTGXFE CD ADAPTER* |
|--------------------------------|--------------------------------|
| 1-1/2 CXFE CD ADAPTER* | 1-1/2 X 1-1/4 CXFE CD ADAPTER* |
| 3 FTGXFE CD ADAPTER* | 2 CXFE CD ADAPTER* |
| 3 CXFE CD ADAPTER* | 4 CXFE CD ADAPTER* |
| 1/2 CXFE CP ADAPTER* | 1/2 X 3/8 CXFE CP ADAPTER* |
| | 3/4 CXFE CP ADAPTER* |
| 1/2 X 3/4 CXFE CP ADAPTER* | |
| 3/4 X 1/2 CXFE CP ADAPTER* | 3/4 X 1 CXFE CP ADAPTER* |
| 3/4 X 1-1/4 CXFE CP ADAPTER* | 3/4 X 1-1/2 CXFE CP ADAPTER* |
| 1 C X FE CP ADAPTER* | 1 X 1/2 CXFE CP ADAPTER* |
| 1 X 3/4 C X FE CP ADAPTER* | 1 X 1-1/4 CXFE CP ADAPTER* |
| 1-1/4 CXFE CP ADAPTER* | 1-1/4 X 1/2 CXFE CP ADAPTER* |
| 1-1/4 X 3/4 CXFE CP ADAPTER* | 1-1/4 X 1 CXFE CP ADAPTER* |
| 3/4 X 1/2 FTGXFE CP ADAPTER* | 1 FTGXFE CP ADAPTER* |
| 1-1/2 CXFE CP ADAPTER* | 1-1/2 X 3/4 CXFE CP ADAPTER* |
| 1-1/2 X 1 CXFE CP ADAPTER* | 1-1/2 X 2 CXFE CP ADAPTER* |
| 2 CXFE CP ADAPTER* | 2-1/2 C X FE CP ADAPTER* |
| 3 CXFE CP ADAPTER* | 1/2 CXFE CP DROP EAR ADAPTER |
| 3/4 CXFE CP DROP EAR ADAPTER | 1/2 CXFE CP HIGH EAR ADAPTER* |
| 4 CXFE CP ADAPTER* | 5 C X FE CP ADAPTER* |
| 6 C X FE CP ADAPTER* | 1-1/4 CXFE WD ADAPTER* |
| 1-1/4 X 1-1/2 CXFE WD ADAPTER* | 1-1/4 FTGXFE WD ADAPTER* |
| 1-1/2 FTGXFE WD ADAPTER* | 2 FTGXFE WD ADAPTER* |
| 1-1/2 CXFE WD ADAPTER* | 1-1/2 X 1-1/4 CXFE WD ADAPTER* |
| 1-1/2 X 2 CXFE WD ADAPTER* | 3 FTGXFE WD ADAPTER* |
| 2 C X FE WD ADAPTER* | 2 X 1-1/2 CXFE WD ADAPTER* |
| 3 C X FE WD ADAPTER* | 1/4 C X FE WP ADAPTER* |
| 3/8 C X FE WP ADAPTER* | 3/8 X 1/4 CXFE WP ADAPTER* |
| 3/8 X 1/2 CXFE WP ADAPTER* | 1/2 C X FE WP ADAPTER* |
| 1/2 X 1/4 CXFE WP ADAPTER* | 1/2 X 3/8 CXFE WP ADAPTER* |
| 1/2 X 3/4 CXFE WP ADAPTER* | 1/2 X 1 CXFE WP ADAPTER* |
| 5/8 X 1/2 CXFE WP ADAPTER* | 5/8 X 3/4 CXFE WP ADAPTER* |
| 3/4 C X FE WP ADAPTER* | 3/4 X 1/2 CXFE WP ADAPTER* |
| 3/4 X 1 CXFE WP ADAPTER* | 3/4 X 1-1/4 CXFE WP ADAPTER* |
| 3/4 X 1-1/2 CXFE WP ADAPTER* | 1 C X FE WP ADAPTER* |
| 1 X 1/2 CXFE WP ADAPTER* | 1 X 3/4 CXFE WP ADAPTER* |
| 1 X 1-1/4 CXFE WP ADAPTER* | 1 X 1-1/2 CXFE WP ADAPTER* |
| 1-1/4 C X FE WP ADAPTER* | 1-1/4 C X 3/4 FE WP ADAPTER* |
| 1-1/4 X 1 CXFE WP ADAPTER* | 1-1/4 X 1-1/2 CXFE WP ADAPTER* |
| 1-1/4 X 2 CXFE WP ADAPTER* | 1/4 FTGXFE WP ADAPTER* |
| 3/8 FTGXFE WP ADAPTER* | 3/8 X 1/4 FTGXFE WP ADAPTER* |
| 1/2 FTGXFE WP ADAPTER* | 1/2 X 1/4 FTGXFE WP ADAPTER* |
| 1/2 X 3/8 FTG X FE ADAPTER* | 1/2 FTG X 3/4 FE WP ADAPTER* |
| 3/4 FTGXFE WP ADAPTER* | 3/4 FTG X 1/2 FE WP ADAPTER* |
| 1 FTGXFE WP ADAPTER* | 1 FTG X 3/4 FE WP ADAPTER* |
| 1-1/4 FTGXFE WP ADAPTER* | 1-1/2 FTGXFE WP ADAPTER* |
| 2 FTGXFE WP ADAPTER* | 1-1/2 C X FE WP ADAPTER* |
| 2-1/2 FTGXFE WP ADAPTER* | 1-1/2 C X 1 FE WP ADAPTER* |
| 1-1/2 X 1-1/4 CXFE WP ADAPTER* | 1-1/2 X 2 CXFE WP ADAPTER* |
| 3 FTGXFE WP ADAPTER* | 2 C X FE WP ADAPTER* |
| 2 X 1 C X FE WP ADAPTER* | 2 X 1-1/4 CXFE WP ADAPTER* |
| 2 X 1-1/2 CXFE WP ADAPTER* | 2-1/2 C X FE WP ADAPTER* |
| 3 C X FE WP ADAPTER* | |
| | |

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Subject Copper Pipe Fittings—Male Adapters

| 1-1/4 CXM CD ADAPTER* | 1-1/4X1-1/2 CXM CD ADAPTER* |
|--|----------------------------------|
| 1-1/4 CAW CD ADAI TER 1-1/2 FTGXM CD ADAPTER* | 1-1/2 CXM CD ADAPTER* |
| 1-1/2X1-1/4 CXM CD ADAPTER* | 2 CXM CD ADAPTER* |
| 2 X 1-1/2 CXM CD ADAPTER* | 3 CXM CD ADAPTER* |
| 4 CXM CD ADAPTER* | 1/2 CXM CP ADAPTER* |
| 1/2 X 3/4 CXM CP ADAPTER* | 3/4 CXM CP ADAPTER* |
| 3/4 X 1/2 CXM CP ADAPTER* | 3/4 X 1-1/4 CXM CP ADAPTER* |
| 1 CXM CP ADAPTER* | 1 X 1/2 CXM CP ADAPTER* |
| 1 X 1-1/4 CXM CP ADAPTER* | 1 X 1-1/2 CXM CP ADAPTER* |
| 1-1/4 CXM CP ADAPTER* | 1-1/4 X 1/2 CXM CP ADAPTER* |
| 1-1/4 X 1 CXM CP ADAPTER* | 1-1/2 CXM CP ADAPTER* |
| 1-1/2 X 3/4 CXM CP ADAPTER* | 2 CXM CP ADAPTER* |
| 2 X 1-1/2 C X M CP ADAPTER* | 2-1/2 CXM CP ADAPTER* |
| 3 CXM CP ADAPTER* | 4 CXM CP ADAPTER* |
| 5 CXM CP ADAPTER | 6 CXM CP ADAPTER |
| 1-1/2 M X 1-1/2 OD WD ADAPTER* | 1-1/4 CXM WD ADAPTER* |
| 1-1/4X1-1/2 CXM WD ADAPTER* | 1-1/2 FTGXM WD ADAPTER* |
| 2 FTGXM WD ADAPTER* | 1-1/2 CXM WD ADAPTER* |
| 1-1/2 X 1-1/4 CXM WD ADAPTER* | 1-1/2 X 2 CXM WD ADAPTER* |
| 2 CXM WD ADAPTER* | 2 X 1-1/2 CXM WD ADAPTER* |
| 3 CXM WD ADAPTER* | 4 CXM WD ADAPTER* |
| 1-1/4 CXM WD FLUSH TRAP ADAPTER* | 1-1/2 CXM WD FLUSH TRAP ADAPTER* |
| 2 CXM WD FL TRAP ADAPTER* | 1-1/2 CXM WD SCULLY BUSHING* |
| 2 CXM WD SCULLY BUSHING* | 1/4 CXM WP ADAPTER* |
| 1/4 X 3/8 CXM WP ADAPTER* | 1/4 X 1/2 CXM WP ADAPTER* |
| 3/8 CXM WP ADAPTER* | 3/8 X 1/4 CXM WP ADAPTER* |
| 3/8 X 1/2 CXM WP ADAPTER* | 1/2 CXM WP ADAPTER* |
| 1/2 X 1/4 CXM WP ADAPTER* | 1/2 X 3/8 CXM WP ADAPTER* |
| 1/2 X 3/4 CXM WP ADAPTER* | 1/2 X 1 CXM WP ADAPTER* |
| 5/8 X 1/2 CXM WP ADAPTER* | 5/8 X 3/4 CXM WP ADAPTER* |
| 3/4 CXM WP ADAPTER* | 3/4 C X 3/8 WP M ADAPTER* |
| 3/4 X 1/2 CXM WP ADAPTER* | 3/4 X 1 CXM WP ADAPTER* |
| 3/4 X 1-1/4 CXM WP ADAPTER* | 3/4 X 1-1/2 CXM WP ADAPTER* |
| 1 CXM WP ADAPTER* | 1 X 1/2 CXM WP ADAPTER* |
| 1 X 3/4 CXM WP ADAPTER* | 1 X 1-1/4 CXM WP ADAPTER* |
| 1 X 1-1/2 CXM WP ADAPTER* | 1 X 2 CXM WP ADAPTER* |
| 1-1/4 CXM WP ADAPTER* | 1-1/4 X 3/4 CXM WP ADAPTER* |
| 1-1/4 X 1 CXM WP ADAPTER* | 1-1/4 X 1-1/2 CXM WP ADAPTER* |
| 1-1/4 X 2 CXM WP ADAPTER* | 1/4 FTGXM WP ADAPTER* |
| 3/8 FTGXM WP ADAPTER* | 1/2 FTGXM WP ADAPTER* |
| 1/2 X 3/8 FTGXM WP ADAPTER* | 1/2 X 3/4 FTGXM WP ADAPTER* |
| 3/4 FTGXM WP ADAPTER* | 3/4 X 1/2 FTGXM WP ADAPTER* |
| 1 FTGXM WP ADAPTER* | 1 X 3/4 FTGXM WP ADAPTER* |
| 1-1/4 FTGXM WP ADAPTER* | 1-1/2 FTGXM WP ADAPTER* |
| 2 FTGXM WP ADAPTER* | 1-1/2 CXM WP ADAPTER* |
| 2-1/2 FTGXM WP ADAPTER* | 1-1/2 X 1 CXM WP ADAPTER* |
| 1-1/2 X 1-1/4 CXM WP ADAPTER* | 1-1/2 X 2 CXM WP ADAPTER* |
| 3 FTG X M WP ADAPTER* | 2 CXM WP ADAPTER* |
| 2 X 1-1/4 CXM WP ADAPTER* | 2 X 1-1/2 CXM WP ADAPTER* |
| 2 X 2-1/2 C X M WP ADAPTER* | 2-1/2 CXM WP ADAPTER* |
| 2-1/2 X 2 CXM WP ADAPTER* | 3 CXM WP ADAPTER* |
| 4 CXM WP ADAPTER* | 1/2 X 3/4 C X HOSE WP ADAPTER* |

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Subject Copper Pipe Fittings—Other Adapters

| 1-1/4 X 2 CXSP CD FERRULE* | 1-1/2 X 2 CXSP CD FERRULE* |
|--|------------------------------------|
| 1-1/2 X 3 CXSP CD FERRULE* | 2 CXSP CD FERRULE* |
| 2 X 3 CXSP CD FERRULE* | 2 X 4 CXSP CD FERRULE* |
| 3 CXSP CD FERRULE* | 3 X 4 CXSP CD FERRULE* |
| 4 CXSP CD FERRULE* | 3 X 4 CXSP CD ECCENTRIC FERRULE* |
| 1-1/4 X 2 CXMJ CD ADAPTER* | 1-1/4 X 3 CXMJ CD ADAPTER* |
| 1-1/2 X 2 CXMJ CD ADAPTER* | 1-1/2 X 3 CXMJ CD ADAPTER* |
| 1-1/2 X 4 CXMJ CD ADAPTER* | 2 X 3 CXMJ CD ADAPTER* |
| 2 X 4 CXMJ CD ADAPTER* | 3 CXMJ CD ADAPTER* |
| 3 X 4 CXMJ CD ADAPTER* | 4 CXMJ CD ADAPTER* |
| 6 C X M J CD ADAPTER* | 1-1/4 FTGXSJ CD ADAPTER* |
| 4 ACT(3S)X1-1/2C-30 CD ROOF ADAPTER* | 4 ACT(3S) X 2C-30 CD ROOF ADAPTER* |
| 4 SOIL(5A)X 1-1/2 C CD ROOF ADAPTER* | 4 SOIL(5A)X 2 C CD ROOF ADAPTER* |
| 5ACT 4SX 3C CD ROOF ADAPT CALGARY* | 5S X 3C CD ROOF ADAPT REGINA* |
| 1-1/2 SJXODX3/4M/1/2FE CD CONDENSATE TEE | 2 C X SJ CD ADAPTER* |
| 2 C X MJ WD ADAPTER* | 1-1/4 FE X SJ WD ADAPTER* |
| 1-1/2 FE X SJ WD ADAPTER* | 1-1/2 X1-1/4 FE X SJ WD ADAPTER* |
| 1-1/4 FTG X SJ WD ADAPTER* | 1-1/2 FTG X SJ WD ADAPTER* |
| 1-1/2 X 1-1/4 FTG X SJ ADAPTER* | 1-1/4 M X SJ WD ADAPTER* |
| 1-1/2 M X SJ WD ADAPTER* | 1-1/2 X 1-1/4 M X SJ WD ADAPTER* |
| 1-1/4 C X SJ WD ADAPTER* | 1-1/4 X 1-1/2 CXSJ WD ADAPTER* |
| 1-1/2 C X SJ WD ADAPTER* | 1-1/2 X 1-1/4 CXSJ WD ADAPTER* |
| 2 C X SJ WD ADAPTER* | 1/2 CXM WP FLUSH VALVE ADAPTER* |
| 3/4 CXM WP FLUSH VALVE ADAPTER* | |
| | |

Subject Copper Pipe Fittings—Bushings

| 3 X 1-1/2 FTGXC CD BUSHING* | 5 X 4 FTGXC CP BUSHING* |
|---------------------------------------|------------------------------------|
| 6 X 2 FTGXC CP BUSHING* | 6 X 3 FTGXC CP BUSHING* |
| 6 X 4 FTGXC CP BUSHING* | 6 X 5 FTGXC CP BUSHING* |
| 1 X 1/2 FTGXFE CP FLUSH BUSHING* | 1-1/4 X 1 FTGXFE CP FLUSH ADAPTER* |
| 1 1/2 FTG X 1 FE C CP FLUSH BUSHING* | 1-1/2X1-1/4 FTGXC W WD BUSHING* |
| 2 X 1-1/4 FTGXC WD BUSHING* | 2 X 1-1/2 FTGXC WD BUSHING* |
| 3 X 1-1/4 FTGXC WD BUSHING* | 3 X 1-1/2 FTGXC WD BUSHING* |
| 3 X 2 FTGXC WD BUSHING* | 4 X 2 FTGXC WD BUSHING* |
| 4 X 3 FTGXC WD BUSHING* | 1-1/4 CXM WD TRAP BUSHING* |
| 1-1/2 CXM WD TRAP BUSHING* | 2 CXM WD TRAP BUSHING* |
| 3/8 X 1/8 FTGXC WP BUSHING* | 3/8 X 1/4 FTGXC WP BUSHING* |
| 1/2 X 1/4 FTGXC WP BUSHING* | 1/2 X 3/8 FTGXC WP BUSHING* |
| 5/8 X 1/4 FTGXC WP BUSHING* | 5/8 X 3/8 FTGXC WP BUSHING* |
| 5/8 X 1/2 FTGXC WP BUSHING* | 3/4 X 1/4 FTGXC WP BUSHING* |
| 3/4 X 3/8 FTGXC WP BUSHING* | 3/4 X 1/2 FTGXC WP BUSHING* |
| 3/4 X 5/8 FTGXC WP BUSHING* | 1 X 3/8 FTGXC WP BUSHING* |
| 1 X 1/2 FTGXC WP BUSHING* | 1 X 5/8 FTGXC WP BUSHING* |
| 1 X 3/4 FTGXC WP BUSHING* | 1-1/4 X 1/2 FTGXC WP BUSHING* |
| 1-1/4 X 3/4 FTGXC WP BUSHING* | 1-1/4 X 1 FTGXC WP BUSHING* |
| 1-1/2 X 1/2 FTGXC WP BUSHING* | 1-1/2 X 3/4 FTGXC WP BUSHING* |
| 1-1/2 X 1 FTGXC WP BUSHING* | 1-1/2 X1-1/4 FTGXC WP BUSHING* |
| 2 X 1/2 FTGXC WP BUSHING* | 2 X 3/4 FTGXC WP BUSHING* |
| 2 X 1 FTGXC WP BUSHING* | 2 X 1-1/4 FTGXC WP BUSHING* |
| 2 X 1-1/2 FTGXC WP BUSHING* | 2-1/2 X 1 FTGXC WP BUSHING* |
| 2-1/2 X 1-1/4 FTGXC WP BUSHING* | 2-1/2 X 1-1/2 FTGXC WP BUSHING* |
| 2-1/2 X 2 FTGXC WP BUSHING* | 3 X 1/2 FTGXC WP BUSHING* |
| 3 X 3/4 FTGXC WP BUSHING* | 3 X 1 FTGXC WP BUSHING* |
| 3 X 1-1/4 FTGXC WP BUSHING* | 3 X 1-1/2 FTGXC WP BUSHING* |
| 3 X 2 FTGXC WP BUSHING* | 3 X 2-1/2 FTGXC WP BUSHING* |
| 3-1/2 X 2 FTGXC WP BUSHING* | 3-1/2 X 2-1/2 FTGXC WP BUSHING* |
| 3-1/2 X 3 FTGXC WP BUSHING* | 4 X 1-1/4 FTGXC WP BUSHING* |
| 4 X 1-1/2 FTGXC WP BUSHING* | 4 X 2 FTGXC WP BUSHING* |
| 4 X 2-1/2 FTGXC WP BUSHING* | 4 X 3 FTGXC WP BUSHING* |
| 4 X 3-1/2 FTGXC WP BUSHING* | 1/2 X 1/4 FTGXC WP FLUSH BUSHING* |
| 1/2 X 3/8 FTGXC WP FLUSH BUSHING* | 5/8 X 3/8 FTGXC WP FLUSH BUSHING* |
| 3/4 X 1/2 FTGXC WP FLUSH BUSHING* | 1 X 1/2 FTGXC WP FLUSH BUSHING* |
| 1 X 3/4 FTGXC WP FLUSH BUSHING* | 1-1/4X3/4 FTGXC W FL BUSHING* |
| 1-1/4 X 1 FTGXC WP FLUSH BUSHING* | 1-1/2 X 1 FTGXC WP FLUSH BUSHING* |
| 1-1/2 X 1-1/4 FTGXC WP FLUSH BUSHING* | 2 X 1-1/2 FTGXC WP FLUSH BUSHING* |
| 1 X 1/2 FE WP FLUSH BUSHING* | 1-1/4 X 3/4 FE WP FLUSH BUSHING* |
| 1-1/4 X 1 FTGXFE WP FLUSH BUSHING* | 1-1/2 X 1 FTGXFE WP FLUSH BUSHING* |
| | |

Subject Copper Pipe Fittings—Couplings

| 2/4 CVC CD COLIDI DIC* | 1.1/4 CVC CD COLIDI INC* |
|--|--|
| 3/4 CXC CP COUPLING* 4 CXC CP COUPLING* | 1-1/4 CXC CP COUPLING* |
| | 5 X 3 CXC CP COUPLING* |
| 5 X 4 CXC CP COUPLING* 6 X 3 CXC CP COUPLING* | 6 X 2 CXC CP COUPLING* 6 X 4 CXC CP COUPLING* |
| | 1/2 CXC CP JET DRAIN COUPLING |
| 6 X 5 CXC CP COUPLING* | |
| 3/4 CXC CP JET DRAIN COUPLING | 1 CXC CP JET DRAIN COUPLING |
| 3/4 X 1/2 CXC CP ECCENTRIC COUPLING* | 1 X 1/2 CP ECCENTRIC COUPLING* |
| 1 X 3/4 CXC CP ECCENTRIC COUPLING* | 1-1/4 X 1/2 CP ECCENTRIC COUPLING* |
| 1-1/2 X 1 CXC CP ECCENTRIC COUPLING* | 1-1/2 X 1-1/4 CXC CP ECCENTRIC COUPLING* |
| 2 X 1-1/4 CXC CP ECCENTRIC COUPLING* | 2 X 1-1/2 CXC CP ECCENTRIC COUPLING* |
| 3 X 2 CXC CP ECCENTRIC COUPLING* | 3/4 CXC CP CROSSOVER COUPLING* |
| 1/2C X 1M X 1/2 FE CP BOILER COUPLING | 1/2 X 1 X 1/2 CXMXFE CP BOILER COUPLING |
| 1-1/4 CXC WD COUPLING* | 1-1/2 CXC WD COUPLING* |
| 1-1/2X 1-1/4 CXC WD COUPLING* | 2 CXC WD COUPLING* |
| 2 X 1-1/4 CXC WD COUPLING* | 2 X 1-1/2 CXC WD COUPLING* |
| 3 CXC WD COUPLING* | 3 X 1-1/4 CXC WD COUPLING* |
| 3 X 1-1/2 CXC WD COUPLING* | 3 X 2 CXC WD COUPLING* |
| 4 CXC WD COUPLING* | 4 X 1-1/2 CXC WD COUPLING* |
| 4 X 2 CXC WD COUPLING* | 4 X 3 CXC WD COUPLING* |
| 4 X 1-1/2 CXC CD COUPLING* | 4 X 3 CXC CD COUPLING* |
| 6 CXC WD COUPLING* | 1-1/4 CXC WD COUPLING NO STOP* |
| 1-1/2 CXC WD COUPLING NO STOP* | 2 CXC WD COUPLING NO STOP* |
| 3 CXC WD COUPLING NO STOP* | 4 CXC WD COUPLING NO STOP* |
| 1/8 CXC WP COUPLING* | 1/4 CXC WP COUPLING* |
| 1/4 X 1/8 CXC WP COUPLING* | 3/8 CXC WP COUPLING* |
| 3/8 X 1/4 CXC WP COUPLING* | 1/2 CXC WP COUPLING* |
| 1/2 X 1/8 CXC WP COUPLING* | 1/2 X 1/4 CXC WP COUPLING* |
| 1/2 X 3/8 CXC WP COUPLING* | 5/8 CXC WP COUPLING* |
| 5/8 X 1/4 CXC WP COUPLING* | 5/8 X 3/8 CXC WP COUPLING* |
| 5/8 X 1/2 CXC WP COUPLING* | 3/4 CXC WP COUPLING* |
| 3/4 X 1/4 CXC WP COUPLING* | 3/4 X 3/8 CXC WP COUPLING* |
| 3/4 X 1/2 CXC WP COUPLING* | 3/4 X 5/8 CXC WP COUPLING* |
| 1 CXC WP COUPLING* | 1 X 3/8 CXC WP COUPLING* |
| 1 X 1/2 CXC WP COUPLING* | 1 X 5/8 CXC WP COUPLING* |
| 1 X 3/4 CXC WP COUPLING* | 1-1/4 CXC WP COUPLING* |
| 1-1/4 X 1/2 CXC WP COUPLING* | 1-1/4 X 3/4 CXC WP COUPLING* |
| 1-1/4 X 1 CXC WP COUPLING* | 1-1/2 CXC WP COUPLING* |
| 1-1/2 X 1/2 CXC WP COUPLING* | 1-1/2 X 3/4 CXC WP COUPLING* |
| 1-1/2 X 1 CXC WP COUPLING* | 1-1/2 X 1-1/4 CXC WP COUPLING* |
| 2 CXC WP COUPLING* | 2 X 1/2 CXC WP COUPLING* |
| 2 X 3/4 CXC WP COUPLING* | 2 X 1 CXC WP COUPLING* |
| 2 X 1-1/4 CXC WP COUPLING* | 2 X 1-1/2 CXC WP COUPLING* |
| 2-1/2 CXC WP COUPLING* | 2-1/2 X 3/4 CXC WP COUPLING* |
| 2-1/2 X 1 CXC WP COUPLING* | 2-1/2 X 1-1/4 CXC WP COUPLING* |
| 2-1/2 X 1-1/2 CXC WP COUPLING* | 2-1/2 X 2 CXC WP COUPLING* |
| 3 CXC WP COUPLING* | 3 X 3/4 CXC WP COUPLING* |
| 3 X 1 CXC WP COUPLING* | 3 X 1-1/4 CXC WP COUPLING* |
| 3 X 1-1/2 CXC WP COUPLING* | 3 X 2 CXC WP COUPLING* |
| 3 X 2-1/2 CXC WP COUPLING* | 3-1/2 CXC WP COUPLING* |
| 3-1/2 X 3 CXC WP COUPLING* | 4 CXC WP COUPLING* |
| 4 X 1-1/2 CXC WP COUPLING* | 4 X 2 CXC WP COUPLING* |

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| 4 X 2-1/2 CXC WP COUPLING* | 4 X 3 CXC WP COUPLING* |
|--|--------------------------------------|
| 4 X 3-1/2 CXC WP COUPLING* | 5 CXC WP COUPLING* |
| 6 CXC WP COUPLING* | 6 X 2-1/2 WP COUPLINGS* |
| 1-1/4 X 3/4 CXC WP ECCENTRIC COUPLING* | 1-1/4 X 1 CXC WP ECCENTRIC COUPLING* |
| 1/8 CXC WP COUPLING NO STOP* | 1/4 CXC WP COUPLING NO STOP* |
| 3/8 CXC WP COUPLING NO STOP* | 1/2 CXC WP COUPLING NO STOP* |
| 5/8 CXC WP COUPLING NO STOP* | 3/4 CXC WP COUPLING NO STOP* |
| 1 CXC WP COUPLING NO STOP* | 1-1/4 CXC WP COUPLING NO STOP* |
| 1-1/2 CXC WP COUPLING NO STOP* | 2 CXC WP COUPLING NO STOP* |
| 2-1/2 CXC WP COUPLING NO STOP* | 3 CXC WP COUPLING NO STOP* |
| 4 CXC WP COUPLING NO STOP* | 5 CXC WP COUPLING NO STOP* |
| 6 CXC WP COUPLING NO STOP* | 1/2 X 3 CXC WP REPAIR COUPLING |
| 1/2 X 6 C X C WP REPAIR COUPLING | 3/4 X 3 C X C WP REPAIR COUPLING |
| 1/8 CXC WP RING COUPLING* | 1/4 CXC WP RING COUPLING* |
| 3/8 CXC WP RING COUPLING* | 1/2 CXC WP RING COUPLING* |
| 5/8 CXC WP RING COUPLING* | 3/4 CXC WP RING COUPLING* |
| 1 CXC WP RING COUPLING* | 1-1/4 CXC WP RING COUPLING* |
| 1-1/2 CXC WP RING COUPLING* | 2 CXC WP RING COUPLING* |
| 2-1/2 CXC WP RING COUPLING* | 3 CXC WP RING COUPLING* |
| 4 CXC WP RING COUPLING* | 1/2 X 3-1/4 FTGXC WP SLIDE COUPLING |
| 3/4 X 5 FTGXC WP SLIDE COUPLING | 1/2 CXC WP CROSSOVER COUPLING* |
| 3/4 CXC WP CROSSOVER COUPLING* | |

Subject Copper Pipe Fittings—Elbows

| 1-1/4 CXC 11-1/4 CD ELBOW* | 1-1/2 CXC 11-1/4 CD ELBOW* |
|--|--|
| 2 CXC 11-1/4 CD ELBOW* | 3 CXC 11-1/4 CD ELBOW* |
| 4 C X C 11-1/4 CD ELBOW* | 1-1/4 CXC 22-1/2 CD ELBOW* |
| 1-1/2 CXC 22-1/2 CD ELBOW* | 2 CXC 22-1/2 CD ELBOW* |
| 3 CXC 22-1/2 CD ELBOW* | 4 CXC 22-1/2 CD ELBOW* |
| 3 FTGXC 45 CD ELBOW* | 4 FTGXC 45 CD ELBOW* |
| 2 CXM CD 45 ELBOW* | 1-1/4 CXC 45 CD ELBOW* |
| 1-1/2 CXC 45 CD ELBOW* | |
| 3 CXC 45 CD ELBOW* | 2 CXC 45 CD ELBOW* 4 CXC 45 CD ELBOW* |
| | |
| 1-1/4 CXC 60 CD ELBOW* 2 CXC 60 CD ELBOW* | 1-1/2 CXC 60 CD ELBOW* 3 CXC 60 CD ELBOW* |
| | |
| 4 CXC 60 CD ELBOW* | 1-1/4 CXC CD 90 ELBOW* |
| 1-1/4 FTGXC CD 90 ELBOW* | 1-1/2 FTGXC CD 90 ELBOW* |
| 2 FTGXC CD 90 ELBOW* | 1-1/2 CXC CD 90 ELBOW* |
| 1-1/2 X 1-1/4 CXC CD 90 ELBOW* | 3 CD FTGXC 90 ELBOW* |
| 4 FTGXC CD 90 ELBOW* | 2 CXC CD 90 ELBOW* |
| 2X 1-1/4 CXC CD 90 ELBOW* | 2 X 1-1/2 CXC CD 90 ELBOW* |
| 1-1/2 CXFE CD 90 ELBOW* | 2 CXFE CD 90 ELBOW* |
| 1-1/2 CXM CD 90 ELBOW | 2 CXM CD 90 ELBOW |
| 3 CXC CD 90 ELBOW | 4 CXC CD 90 ELBOW |
| 1-1/2 CXSJ CD 90 ELBOW | 1/2 X 1 CXC CP CLOSE RETURN BEND |
| 3/4 1-3/8 CXC CP CLOSE RETURN BEND | 1 X 1-3/4 CXC CP CLOSE RETURN BEND |
| 1/2 C X M CP 45 ELBOW | 3/4 C X M CP 45 ELBOW |
| 1-1/4 C X M CP 45 ELBOW | 4 CXC CP 45 ELBOW |
| 6 CXC CP 45 ELBOW | 1/2 C X C CP 90 ELBOW |
| 1-1/4 CXC CP 90 ELBOW | 1-1/4 X 1/2 CXC CP 90 ELBOW |
| 1-1/4 X 3/4 CP 90 ELBOW | 1-1/4 X 1 CP 90 ELBOW |
| 1-1/2 X 1/2 CP 90 ELBOW | 1-1/2 X 3/4 CXC CP 90 ELBOW |
| 1-1/2 X 1 CXC CP 90 ELBOW | 1/4 C X FE CP 90 ELBOW |
| 1/2 CXFE CP 90 ELBOW | 1/2 X 3/8 CXFE CP 90 ELBOW |
| 1/2 X 3/4 CXFE CP 90 ELBOW | 1/2 X 1 CXFE CP 90 ELBOW |
| 3/4 CXFE CP 90 ELBOW | 3/4 X 1/2 CXFE CP 90 ELBOW |
| 3/4 X 1 CXFE CP 90 ELBOW | 1 CXFE CP 90 ELBOW |
| 1 X 1/2 C X FE CP 90 ELBOW | 1 X 3/4 CXFE CP 90 ELBOW |
| 1-1/4 CXFE CP 90 ELBOW | 1-1/4 X 1/2 CXFE CP 90 ELBOW |
| 1-1/4 X 3/4 CXFE CP 90 ELBOW | 1-1/4 X 1 CXFE CP 90 ELBOW |
| 2 X 3/4 CXC CP 90 ELBOW | 2 X 1 CXC CP 90 ELBOW |
| 2 X 1-1/4 CXC CP 90 ELBOW | 1-1/2 CXFE CP 90 ELBOW |
| 1-1/2 X 1 C X FE CP 90 ELBOW | 2 CXFE CP 90 ELBOW |
| 3 C X FE CP 90 ELBOW | 1/2 CXFE CP 90 DROP EAR ELBOW |
| 1/2C X 3/8FE CP 90 DROP EAR ELBOW | 1/2 X 3/4 CXFE CP 90 DROP EAR ELBOW |
| 3/4 CXFE CP 90 DROP EAR ELBOW | 3/4C X 1/2FE CP 90 DROP EAR ELBOW |
| 1 CXFE CP 90 DROP EAR ELBOW | 1/2 CXFE CP DROP EAR IMPORT 90 ELBOW |
| 1/2 CXFE CP HIGH EAR 90 ELBOW | 3/4 CXFE CP HIGH EAR 90 ELBOW |
| 1/2 CXFE CP FLANGE SINK 90 ELBOW | 1/2 CXM CP 90 ELBOW |
| 1/2 X 3/8 CXM CP 90 ELBOW | 1/2 X 3/4 CXM CP 90 ELBOW |
| 3/4 CXM CP 90 ELBOW | 3/4 X 1/2 CXM CP 90 ELBOW |
| 3/4 C X 1 M CP 90 ELBOW | 1 CXM CP 90 ELBOW |
| 1 X 3/4 CXM CP 90 ELBOW | 1-1/4 CXM CP P 90 ELBOW |
| 1-1/4 X 1 CXM CP 90 ELBOW | 1-1/2 CXM CP 90 ELBOW |
| 2 CXM CP 90 ELBOW | 1/2 CXC CP DROP EAR 90 ELBOW |

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| 2/4 CVC CD 00 DD OD E AD EL DOW | 1 CVC CD 00 DD OD EAD ELDOW |
|---|--|
| 3/4 CXC CP 90 DROP EAR ELBOW 1/2 CXC CP HIGH EAR 90 ELBOW | 1 CXC CP 90 DROP EAR ELBOW 3/4 CXC CP HIGH EAR 90 ELBOW |
| | |
| 6 CXC CP 90 ELBOW | 1/2C X 1/8FE X 1/2C CP BASE TEE* |
| 1/2C X 1/8FE X 3/4C CP BASE TEE* | 3/4C X 1/8FE X 3/4C CP BASE TEE* |
| 1C X 1/8FE X 1 C CP BASE TEE* | 1-1/4C X 1/8FEX1-1/4C CP BASE TEE* |
| 3/4FE X 1/8FE X 3/4C CP BASE TEE | 1-1/4 CXFTG WD 45 ELBOW* |
| 1-1/2 FTGXC WD 45 ELBOW* | 2 FTGXC WD 45 ELBOW* |
| 3 C X FTG WD 45 ELBOW* | 1-1/4 CXC WD 45 ELBOW* |
| 1-1/2 CXC WD 45 ELBOW* | 2 CXC WD 45 ELBOW* |
| 3 CXC WD 45 ELBOW* | 1-1/4 CXC WD 90 ELBOW* |
| 1-1/4 FTGXC WD 90 ELBOW* | 1-1/2 FTGXC WD 90 ELBOW* |
| 2 FTGXC WD 90 ELBOW* | 1-1/2 CXC WD 90 ELBOW* |
| 2 CXC WD 90 ELBOW* | 3 CXC WD 90 ELBOW* |
| 1-1/2 CXC WD 90 LT ELBOW* | 2 CXC WD 90 LT ELBOW* |
| 1/4 CXC WP 45 ELBOW* | 3/8 CXC WP 45 ELBOW* |
| 1/2 CXC WP 45 ELBOW* | 5/8 CXC WP 45 ELBOW* |
| 3/4 CXC WP 45 ELBOW* | 1 CXC WP 45 ELBOW* |
| 1-1/4 CXC WP 45 ELBOW* | 1/4 FTG X C WP 45 ELBOW* |
| 3/8 FTGXC WP 45 ELBOW* | 1/2 FTGXC WP 45 ELBOW* |
| 5/8 FTGXC WP 45 ELBOW* | 3/4 FTGXC WP 45 ELBOW* |
| 1 FTGXC WP 45 ELBOW* | 1-1/4 FTGXC WP 45 ELBOW* |
| 1-1/2 FTGXC WP 45 ELBOW* | 2 FTGXC WP 45 ELBOW* |
| 1-1/2 CXC WP 45 ELBOW* | 2-1/2 FTGXC WP 45 ELBOW* |
| 2 CXC WP 45 ELBOW* | 2-1/2 CXC WP 45 ELBOW* |
| 3 CXC WP 45 ELBOW* | 4 CXC WP 45 ELBOW* |
| 1/4 CXC WP 90 ELBOW* | 3/8 CXC WP 90 ELBOW* |
| 1/2 CXC WP 90 ELBOW* | 5/8 CXC WP 90 ELBOW* |
| 3/4 CXC WP 90 ELBOW* | 3/4 X 1/2 CXC WP 90 ELBOW* |
| 1 CXC WP 90 ELBOW* | 1 X 1/2 CXC WP 90 ELBOW* |
| 1 X 3/4 CXC WP 90 ELBOW* | 1-1/4 CXC WP 90 ELBOW* |
| 1-1/4 X 1 CXC WP 90 ELBOW* | 1/4 FTGXC WP 90 ELBOW* |
| 3/8 FTGXC WP 90 ELBOW* | 1/2 FTGXC WP 90 ELBOW* |
| 5/8 FTGXC WP 90 ELBOW* | 3/4 FTGXC WP 90 ELBOW* |
| 1 FTGXC WP 90 ELBOW* | 1-1/4 FTGXC WP 90 ELBOW* |
| 1/2 FTGXFTG WP 90 ELBOW* | 3/4 FTG X FTG WP 90 ELBOW* |
| 1-1/2 FTGXC WP 90 ELBOW* | 2 FTGXC WP 90 ELBOW* |
| 1-1/2 CXC WP 90 ELBOW* | 2-1/2 FTGXC WP 90 ELBOW* |
| 1-1/2CX 1-1/4C WP 90 ELBOW* | 2 CXC WP 90 ELBOW* |
| 2-1/2 CXC WP 90 ELBOW* | 3 CXC WP 90 ELBOW* |
| 4 CXC WP 90 ELBOW* | 1/2 CXC WP 90 VENT ELBOW* |
| 3/4 CXC WP 90 VENT ELBOW* | 1 CXC WP 90 VENT ELBOW* |
| 1/4 CXC LT WP 90 ELBOW | 3/8 CXC LT WP 90 ELBOW |
| 1/2 CXC LT WP 90 ELBOW | 5/8 CXC LT WP 90 ELBOW |
| 3/4 CXC LT WP 90 ELBOW | 1 CXC LT WP 90 ELBOW |
| 1-1/4 CXC LT WP 90 ELBOW | 1/4 CXFTG LT WP 90 ELBOW |
| 3/8 C X FTG LT WP 90 ELBOW | 1/2 C X FTG LT WP 90 ELBOW |
| 5/8 CXFTG LT WP 90 ELBOW | 3/4 CXFTG LT WP 90 ELBOW |
| 1 CXFTG LT WP 90 ELBOW | 1-1/4 CXFTG LT WP 90 ELBOW |
| 1-1/2 CXFTG LT WP 90 ELBOW | 2 CXFTG LT WP 90 ELBOW |
| 1-1/2 CXC LT WP 90 ELBOW | 2 CXC LT WP 90 ELBOW |
| 1-1/2 CAC LT WT 70 ELDOW | 2 CACLI WI 70 ELDOW |

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INSTRUCTION GUIDE FOR COMPLETING QUESTIONNAIRES

COPPER PIPE FITTINGS

Subject Copper Pipe Fittings—Flanges

| 3 X 4 CXC CD CLOSET FLANGE* | 4 X 4 CXC CD CLOSET FLANGE* |
|--------------------------------------|--|
| 4 CD CAULKING FLOOR FLANGE* | 3 X 4 CD ECCENTRIC CLOSET FLANGE* |
| 3 X 4 FITTING CD CLOSET FLANGE | 4 CD LEAD 8 OZ CLOSET FLANGE |
| 3 X 4 CD M J CLOSET FLANGE* | 4 CD 14OZ LEAD CLOSET FLANGE |
| 1/2 CP COMPANION FLANGE - 125# | 3/4 CP COMPANION FLANGE - 125# |
| 1 CP COMPANION FLANGE - 125# | 1-1/4 CP COMPANION FLANGE - 125# |
| 1-1/2 CP COMPANION FLANGE - 125# | 2 CP COMPANION FLANGE - 125# |
| 2-1/2 CP COMPANION FLANGE - 125# | 3 CP COMPANION FLANGE - 125# |
| 3-1/2 CP COMPANION FLANGE #125 | 4 CP COMPANION FLANGE - 125# |
| 5 CP COMPANION FLANGE - 125# | 6 CP COMPANION FLANGE - 125# |
| 8 CP COMPANION FLANGE - 125# | 1/2 CP COMPANION FLANGE - 150# |
| 3/4 CP COMPANION FLANGE - 150# | 1 CP COMPANION FLANGE - 150# |
| 1-1/4 CP COMPANION FLANGE - 150# | 1-1/2 CP COMPANION FLANGE - 150# |
| 2 CP COMPANION FLANGE - 150# | 2-1/2 CP COMPANION FLANGE - 150# |
| 3 CP COMPANION FLANGE - 150# | 3-1/2 CP COMPANION FLANGE #150 |
| 4 X 9 CP COMPANION FLANGE - 150# | 5 CP COMPANION FLANGE - 150# |
| 6 CP COMPANION FLANGE -150# | 8 CP COMPANION FLANGE - 150# |
| 1/2 CP COMPANION FLANGE - 300# | 1 X 5 CP COMPANION FLANGE - 300# |
| 1-1/4 CP COMPANION FLANGE - 300# | 1-1/2 X 6-1/2 CP COMPANION FLANGE-300# |
| 2 CP COMPANION FLANGE - 300# | 2-1/2 CP COMPANION FLANGE - 300# |
| 3 X 8-1/4 CP COMPANION FLANGE - 300# | 4 CP COMPANION FLANGE - 300# |
| 1-1/2 CP BLIND COMPANION FLANGE | 2 X 6 CP BLIND COMPANION FLANGE |
| 3 X 7-1/2 CP BLIND COMPANION FLANGE | 13-1/2 X 8 CP BLIND COMPANION FLANGE |
| 8 COMP CP FLANGE 125# SILVER BRZD | 3 COMP CP FLANGE 150# SILVER BRZD |
| 8 COMP CP FLANGE 150# SILVER BRZD | |

Subject Copper Pipe Fittings—Pressure Tees

| 1/2 CXCXC CP DROP EAR TEE | 1/2 CXCXFE CP TEE |
|--|---|
| 1/2 X 1/2 X 1/4 CXCXFE CP TEE | 1/2C X 1/2C X 3/8FE CP TEE |
| 1/2 X 1/2 X 3/4 CXCXFE CP TEE | 3/4 CXCXFE CP TEE |
| 3/4C X 1/2C X 1/2FE CP TEE | 3/4 X 1/2 X 3/4 CXCXFE CP TEE |
| 3/4 X 3/4 X 3/8 CCFE CP TEE | 3/4C X 3/4C X 1/2FE CP TEE |
| 3/4 X 3/4 X 1 CXCXFE CP TEE | 1 CXCXFE CP CP TEE |
| 1 X 1 X 1/2 CXCXFE CP TEE | 1 X 1 X 3/4 CXCXFE CP TEE |
| 1-1/4 CXCXFE CP TEE | 1-1/4 X 1-1/4 X 1/2 CCFE CP TEE |
| 1-1/4 X 1-1/4 X 3/4 CCFE CP TEE | 1-1/4X1-1/4X1 CCFE CP TEE |
| 1-1/2 CXCXFE CP TEE | 1-1/2X1-1/2X1/2 CCFE CP TEE |
| 1-1/2 X 1-1/2 X 3/4 CCFE CP TEE | 1-1/2 X 1-1/2 X 1 CCFE CP TEE |
| 1/2 CXFEXFE CP TEE | 1/2C X 3/4FE X 1/2FE CP TEE |
| 3/4 C X FE X FE CP TEE | 3/4 C X 3/4 FE X 1/2 FE CP TEE |
| 2 CXCXFE CP TEE | 2 X 2 X 1/2 CXCXFE CP TEE |
| 2 X 2 X 3/4 CXCXFE CP TEE | 2 X 2 X 1 CXCXFE CP TEE |
| 1/2 CXCXFE CP DROP EAR TEE | 3/4 CXCXFE CP DROP EAR TEE |
| 3/4C X 3/4C X 1/2FE W/B CP TEE | 3/8 C X FE X C CP TEE |
| 1/2 CXFEXC CP TEE | 1/2C X 1/2FE X 3/4C CP TEE |
| 1/2C X 3/4FE X 1/2C CP TEE | 3/4 CXFEXC CP TEE |
| 3/4 X 1/2 X 1/2 CXFEXC CP TEE | 3/4C X 1/2FE X 3/4C CP TEE |
| 3/4C X 3/4FE X 1/2C CP TEE | 1 CXFEXC CP TEE |
| 1C X 1/2FE X 1C CP TEE | 1 X 3/4 X 1 CXFEXC CP TEE |
| 1-1/4 CXFEXC CP TEE | 1-1/4 X 1/2 X 1-1/4 CXFEXC CP TEE |
| 1-1/4 X 3/4 X 1-1/4 CXFEXC CP TEE | 1-1/2 C X FE X C CP TEE |
| 1-1/2X1/2X1-1/2 CXFEXC CP TEE | 1-1/2X3/4X1-1/2 CXFEXC CP TEE |
| 1/2 FEXFEXC CP TEE | 3/4 FEXFEXC CP TEE |
| 3/4FE X 1/2FE X 1/2C CP TEE | 3/4FEX 1/2FE X 3/4C CP TEE |
| 3/4FE X 1/2FE X 1/2C CF TEE 3/4FE X 3/4FE X 1/2C CP TEE | 2 C X FE X C CP TEE |
| 2 X 1/2 X 2 CXFEXC CP TEE | 2 X 3/4 X 2 CXFEXC CP TEE |
| 1/2FE X 3/4M X 1/2C CP TEE | 1/2 CXCXCXC CP CROSS* |
| 3/4 CXCXCXC CP CROSS* | 1 CXCXCXC CP CROSS* |
| 1-1/2 CXCXCXC CP CROSSES* | 2 CXCXCXC CP CROSS* |
| 3/4 CXFTGXC CP TEE* | 2 X 2 X 3 CXCXC CP TEE* |
| 2-1/2 X 1/2 X 2-1/2 CP TEE* | 2-1/2 X 1-1/2 X 1-1/2 CP TEE* |
| 5 CXCXC CP TEE* | 5 X 5 X 3 CXCXC CP TEE* |
| 6 CXCXC CP TEE* | 3/4FE X 1/8 FE X 3/4C WP BASEBOARD TEE* |
| 1/8 CXCXC WP TEE* | 1/4 CXCXC WP TEE* |
| 3/8 CXCXC WP TEE* | 1/2 CXCXC WP TEE* |
| 1/2 X 1/2 X 3/4 CXCXC WP TEE* | 3/4 CXCXC WP TEE* |
| 3/4 X 1/2 X 1/2 CXCXC WP TEE* | 3/4 X 1/2 X 3/4 CXCXC WP TEE* |
| 3/4 X 3/4 X 1/2 CXCXC WP TEE* | 3/4C X 3/4C X 3/8C CXCXC WP TEE* |
| 3/4 X 3/4 X 1/4 CXCXC WP TEE* | 1 CXCXC WP TEE* |
| 1 X 1/2 X 1/2 CXCXC WP TEE* | 1 X 1/2 X 3/4 CXCXC WP TEE* |
| 1 X 1/2 X 1 CXCXC WP TEE* | 1 X 3/4 X 1/2 CXCXC WP TEE* |
| 1 X 3/4 X 3/4 CXCXC WP TEE* | 1 X 3/4 X 1/2 CACAC WI TEE* |
| 1 X 1 X 3/8 CXCXC WP TEE* | 1 X 1 X 1/2 CXCXC WP TEE* |
| 1 X 1 X 3/4 CXCXC WP TEE* | 1-1/4 CXCXC WP TEE* |
| 1-1/4 X 1/2 X 1/2 CXCXC WP TEE* | 1-1/4 X 1/2 X 3/4 CXCXC WP TEE* |
| 1-1/4 X 1/2 X 1 CXCXC WF TEE* | 1-1/4 X 1/2 X 3/4 CACAC WF TEE* |
| 1-1/4 X 3/4 X 1/2 CXCXC WP TEE* | 1-1/4 X 3/4 X 3/4 CXCXC WP TEE* |
| 1-1/4 X 3/4 X 1/2 CACAC WF TEE* | 1-1/4 X 3/4 X 3/4 CACAC WF TEE* |
| 1-1/7 A J/4 A I CACAC WE TEE. | 1-1/7 A J/7 A 1-1/7 CACAC WE TEE |

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| 1 1/4 V 1 V 1/2 CVCVC WD TEE* | 1 1/4 V 1 V 2/4 CVCVC WD TEE* |
|--|--|
| 1-1/4 X 1 X 1/2 CXCXC WP TEE* | 1-1/4 X 1 X 3/4 CXCXC WP TEE* |
| 1-1/4 X 1 X 1 CXCXC WP TEE* | 1-1/4 X 1 X 1-1/4 CXCXC WP TEE* |
| 1-1/4 X 1-1/4 X 1/2 CXCXC WP TEE* | 1-1/4 X 1-1/4 X 3/4 CXCXC WP TEE* 1-1/2 CXCXC CXCXC WP TEE* |
| 1-1/4C X 1-1/4C X 1C CXCXC WP TEE* | |
| 1-1/2 X 1/2 X 1/2 CXCXC WP TEE* | 1-1/2 X 1/2 X 3/4 CXCXC WP TEE* |
| 1-1/2 X 1/2 X 1 CXCXC WP TEE* | 1-1/2 X 1/2 X 1-1/4 CXCXC WP TEE* |
| 1-1/2 X 1/2 X 1-1/2 CXCXC WP TEE* | 1-1/2 X 3/4 X 1/2 CXCXC WP TEE* |
| 1-1/2 X 3/4 X 3/4 CXCXC WP TEE* | 1-1/2 X 3/4 X 1 CXCXC WP TEE* |
| 1-1/2 X 3/4 X 1-1/4 CXCXC WP TEE* | 1-1/2 X 3/4 X 1-1/2 CXCXC WP TEE* |
| 1-1/2 X 1 X 1/2 CXCXC WP TEE* | 1-1/2 X 1 X 3/4 CXCXC WP TEE* |
| 1-1/2 X 1 X 1 CXCXC WP TEE* | 1-1/2 X 1 X 1-1/4 CXCXC WP TEE* |
| 1-1/2 X 1 X 1-1/2 CXCXC WP TEE* | 1-1/2 X 1-1/4 X 1/2 CXCXC WP TEE* |
| 1-1/2 X 1-1/4 X 3/4 CXCXC WP TEE* | 1-1/2 X 1-1/4 X 1 CXCXC WP TEE* |
| 1-1/2 X 1-1/4 X 1-1/4 CXCXC WP TEE* | 1-1/2 X 1-1/4 X 1-1/2 CXCXC WP TEE* |
| 1-1/2 X 1-1/2 X 1/2 CXCXC WP TEE* | 1-1/2 X 1-1/2 X 3/4 CXCXC WP TEE* |
| 1-1/2 X 1-1/2 X 1 CXCXC WP TEE* | 1-1/2 X 1-1/2 X 1-1/4 CXCXC WP TEE* |
| 2 CXCXC CXCXC WP TEE* | 2 X 1/2 X 2 CXCXC WP TEE* |
| 2 X 3/4 X 2 CXCXC WP TEE* | 2 X 1 X 3/4 CXCXC WP TEE* |
| 2 X 1 X 1 CXCXC WP TEE* | 2C X 1C X 1-1/4C CXCXC WP TEE* |
| 2 X 1 X 1-1/2 CXCXC WP TEE* | 2 X 1 X 2 CXCXC WP TEE* |
| 2 X 1-1/4 X 1/2 CXCXC WP TEE* | 2 X 1-1/4 X 3/4 CXCXC WP TEE* |
| 2 X 1-1/4 X 1 CXCXC WP TEE* | 2 X 1-1/4 X 1-1/4 CXCXC WP TEE* |
| 2 X 1-1/4 X 1-1/2 CXCXC WP TEE* | 2 X 1-1/4 X 2 CXCXC WP TEE* |
| 2 X 1-1/2 X 1/2 CXCXC WP TEE* | 2 X 1-1/2 X 3/4 CXCXC WP TEE* |
| 2 X 1-1/2 X 1 CXCXC WP TEE* | 2 X 1-1/2 X 1-1/4 CXCXC WP TEE* |
| 2 X 1-1/2 X 1-1/2 CXCXC WP TEE* | 2 X 1-1/2 X 2 CXCXC WP TEE* |
| 2 X 2 X 1/2 CXCXC WP TEE* | 2 X 2 X 3/4 CXCXC WP TEE* |
| 2 X 2 X 1 CXCXC WP TEE* | 2 X 2 X 1-1/4 CXCXC WP TEE* |
| 2 X 2 X 1-1/2 CXCXC WP TEE* | 2-1/2 CXCXC WP TEE* |
| 2-1/2 X 1/2 X 2-1/2 CXCXC WP TEE* | 2-1/2 X 3/4 X 1-1/2 CXCXC WP TEE* |
| 2-1/2 X 3/4 X 2-1/2 CXCXC WP TEE* | 2-1/2 X 1 X 1-1/4 CXCXC WP TEE* |
| 2-1/2 X 1 X 1-1/2 CXCXC WP TEE* | 2-1/2 X 1 X 2 CXCXC WP TEE* |
| 2-1/2 X 1 X 2-1/2 CXCXC WP TEE* | 2-1/2 X 1-1/4 X 1-1/4CXCXC WP TEE* |
| 2-1/2 X 1-1/4 X 1-1/2 CXCXC WP TEE* | 2-1/2 X 1-1/4 X 2 CXCXC WP TEE* |
| 2-1/2 X 1-1/4 X 2-1/2 CXCXC WP TEE* | 2-1/2 X 1-1/2 X 1 CXCXC WP TEE* |
| 2-1/2 X 1-1/2 X 1-1/4 CXCXC WP TEE* | 2-1/2 X 1-1/2 X 1-1/2 CXCXC WP TEE* |
| 2-1/2 X 1-1/2 X 2 CXCXC WP TEE* | 2-1/2 X 1-1/2 X 2-1/2 CXCXC WP TEE* |
| 2-1/2 X 2 X 1/2 CXCXC WP TEE* | 2-1/2 X 2 X 3/4 CXCXC WP TEE* |
| 2-1/2 X 2 X 1 CXCXC WP TEE* | 2-1/2 X 2 X 1-1/4 CXCXC WP TEE* |
| 2-1/2 X 2 X 1-1/2 CXCXC WP TEE* | 2-1/2 X 2 X 2 CXCXC WP TEE* |
| 2-1/2 X 2 X 2-1/2 CXCXC WP TEE* | 2-1/2 X 2-1/2 X 1/2 CXCXC WP TEE* |
| 2-1/2 X 2-1/2 X 3/4 CXCXC WP TEE* | 2-1/2 X 2-1/2 X 1 CXCXC WP TEE* |
| 2-1/2 X 2-1/2 X 1-1/4 CXCXC WP TEE* | 2-1/2 X 2-1/2 X 1-1/2 CXCXC WP TEE* |
| 2-1/2 X 2-1/2 X 2 CXCXC WP TEE* | 3 CXCXC WP TEE* |
| 3 X 3/4 X 3 CXCXC WP TEE* | 3 X 1 X 3 CXCXC WP TEE* |
| 3 X 1-1/4 X 3 CXCXC WP TEE* | 3 X 1-1/2 X 1-1/4 CXCXC WP TEE* |
| 3 X 1-1/2 X 1-1/2 CXCXC WP TEE* | 3 X 1-1/2 X 2-1/2 CXCXC WP TEE* |
| 3 X 1-1/2 X 3 CXCXC WP TEE* | 3 X 2 X 1/2 CXCXC WP TEE* |
| 3 X 2 X 1 CXCXC WP TEE* | 3 X 2 X 1-1/4 CXCXC WP TEE* |
| 3 X 2 X 1-1/2 CXCXC WP TEE* | 3 X 2 X 2 CXCXC WP TEE* |
| 3 X 2 X 2-1/2 CXCXC WP TEE* | 3 X 2 X 3 CXCXC WP TEE* |
| 3 X 2 × 2-1/2 CACAC WP TEE* 3 X 2-1/2 X 3/4 CXCXC WP TEE* | 3 X 2-1/2 X 1 CXCXC WP TEE* |
| 3 X 2-1/2 X 3/4 CXCXC WP TEE* | 3 X 2-1/2 X 1 CXCXC WP TEE* |
| JAZ-1/ZA 1-1/4 CACAC WY TEE" | JAZ-1/ZA 1-1/Z CACAC WY IEE" |

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| 3 X 2-1/2 X 2 CXCXC WP TEE* | 3 X 2-1/2 X 2-1/2 CXCXC WP TEE* |
|---------------------------------|---------------------------------|
| 3 X 2-1/2 X 3 CXCXC WP TEE* | 3 X 3 X 1/2 CXCXC WP TEE* |
| 3 X 3 X 3/4 CXCXC WP TEE* | 3 X 3 X 1 CXCXC WP TEE* |
| 3 X 3 X 1-1/4 CXCXC WP TEE* | 3 X 3 X 1-1/2 CXCXC WP TEE* |
| 3 X 3 X 2 CXCXC WP TEE* | 3 X 3 X 2-1/2 CXCXC WP TEE* |
| 4 CXCXC WP TEE* | 4 X 1-1/2 X 3 CXCXC WP TEE* |
| 4 X 2 X 2 CXCXC WP TEE* | 4 X 2 X 3 CXCXC WP TEE* |
| 4 X 2-1/2 X 2-1/2 CXCXC WP TEE* | 4 X 2-1/2 X 3 CXCXC WP TEE* |
| 4 X 3 X 2 CXCXC WP TEE* | 4 X 3 X 2-1/2 CXCXC WP TEE* |
| 4 X 3 X 3 CXCXC WP TEE* | 4 X 4 X 1/2 CXCXC WP TEE* |
| 4 X 4 X 3/4 CXCXC WP TEE* | 4 X 4 X 1 CXCXC WP TEE* |
| 4 X 4 X 1-1/4 CXCXC WP TEE* | 4 X 4 X 1-1/2 CXCXC WP TEE* |
| 4 X 4 X 2 CXCXC WP TEE* | 4 X 4 X 2-1/2 CXCXC WP TEE* |
| 4 X 4 X 3 CXCXC WP TEE* | 5 X 5 X 2 CXCXC WP TEE* |

Subject Copper Pipe Fittings—Unions

| 2-1/2 CXFE CP UNION* | 2-1/2 CXC CP UNION* |
|------------------------|------------------------|
| 2 CXM CP UNION* | 2-1/2 C X M CP UNION* |
| 3 CXC CP UNION* | 3/4 CXM CP UNION ELBOW |
| 3/4 CXC WP UNION* | 1 CXC WP UNION* |
| 1-1/4 CXC WP UNION* | 1-1/2 C X C WP UNION* |
| 1/2 C X FE WP UNION* | 3/4 C X FE WP UNION* |
| 1 C X FE WP UNION* | 2 CXC WP UNION* |
| 1-1/4 C X FE WP UNION* | 1-1/2 C X FE WP UNION* |
| 2 C X FE WP UNION* | 1/2 C X M WP UNION* |
| 3/4 C X M WP UNION* | 1 C X M WP UNION* |
| 1-1/4 C X M WP UNION* | 1-1/2 C X M WP UNION* |
| 2 C X M WP UNION* | |

Subject Copper Pipe Fittings—P-Traps

| 1-1/2 C X C CD P-TRAP BODYN/CO |
|------------------------------------|
| 3 C X C CD P-TRAP BODY N/CO |
| 1-1/4 CD P TRAP-N/CO- ELBOW |
| 1-1/2 CD P TRAP-N/CO-ELBOW |
| 2 CD P TRAP-N/CO-ELBOW |
| 3 CD P TRAPS-N/CO-ELBOW |
| 1 1/2 CD S TRAP N/CO |
| 1-1/2 CD S TRAP - W/CO |
| 1-1/2 C X C CD P-TRAP BODY - W/CO |
| 1-1/4 CD P TRAP - W/CO |
| 1-1/2 CD P TRAP W/CO |
| 2 CD P TRAP - W/CO |
| 3 CD P TRAP - W/CO |
| 3 X 6 X 1-1/2 X 1-1/2 CD DRUM TRAP |
| 1-1/2 CD P TRAP W/CO GROUND SWIVEL |
| |

Subject Copper Pipe Fittings—DWV TY's

| 1-1/4 CXCXCXC CD DOUBLE WASTE FTG | 1-1/2 CXCXCXC CD DOUBLE WASTE FTG |
|---|---|
| 1-1/2 1-1/4 1-1/4 1-1/4 CXCXCXC CD DOUBLE | 1-1/2 1-1/4 1-1/2 1-1/2 CXCXCXC CD DOUBLE |
| WASTE FTG | WASTE FTG |
| 1-1/2 1-1/2 1-1/4 1-1/4 CXCXCXC CD DOUBLE | 2 1-1/2-1-1/4-1-1/4 CXCXCXC CD DOUBLE WASTE |
| WASTE FTG | FTG |
| 2 1-1/2 1-1/2 1-1/2 CXCXCXC CD DOUBLE WASTE | 1-1/4 CXCXC CD TY* |
| FTG | |
| 1-1/2 CXCXC CD TY* | 1-1/2 X 1-1/4 X 1-1/4 CXCXC CD TY* |
| 1-1/2 X 1-1/4 X 1-1/2 CXCXC CD TY* | 1-1/2 X 1-1/2 X 1-1/4 CXCXC CD TY* |
| 3 FTG X C X C CD TY* | 3 X 3 X 1-1/4 FTGXCXC CD TY* |
| 3 X 3 X 1-1/2 FTGXCXC CD TY* | 3 X 3 X 2 FTGXCXC CD TY* |
| 2 CXCXC CD TY* | 2 X 1-1/4 X 1-1/4 CXCXC CD TY* |
| 2 X 1-1/4 X 1-1/2 CXCXC CD TY* | 2 X 1-1/4 X 2 CXCXC CD TY* |
| 2 X 1-1/2 X 1-1/4 CXCXC CD TY* | 2 X 1-1/2 X 1-1/2 CXCXC CD TY* |
| 2 X 1-1/2 X 2 CXCXC CD TY* | 2 X 2 X 1-1/4 CXCXC CD TY* |
| 2 X 2 X 1-1/2 CXCXC CD TY* | 1-1/2 CXCXFE CD TY* |
| 2 CXCXFE CD TY | 2 X 1-1/2 X 1-1/2 CXCXF CD TY |
| 3 CXCXC CD TY* | 3 X 1-1/2 X 1-1/4 CXCXC CD TY* |
| 3 X 2 X 1-1/2 CXCXC CD TY* | 3 X 3 X 1-1/4 CXCXC CD TY* |
| 3 X 3 X 1-1/2 CXCXC CD TY* | 3 X 3 X 2 CXCXC CD TY* |
| 4 CXCXC CD TY* | 4 X 4 X 1-1/2 CXCXC CD TY* |
| 4 X 4 X 2 CXCXC CD TY* | 4 X 4 X 3 CXCXC CD TY* |
| 1-1/4 CXCXCXC CD DOUBLETY | 1-1/2 CXCXCXC CD DOUBLETY |
| 1-1/2 1-1/2 1-1/4 1-1/4 CXCXCXC CD DOUBLETY | 1-1/2 1-1/4 1-1/4 1-1/4 CXCXCXC CD DOUBLETY |
| 2 CXCXCXC CD DOUBLETY | 2 X 2 X 1-1/4 X 1-1/4 CXCXCXC CD DOUBLETY |
| 2 X 2 X 1-1/2 X 1-1/2 CXCXCXC CD DOUBLETY | 3 CXCXCXC CD DOUBLETY |
| 3 X 3 X 1-1/4 X 1-1/4 CXCXCXC CD DOUBLETY | 3 X 3 X 1-1/2 X 1-1/2 CXCXCXC CD DOUBLETY |
| 3 X 3 X 2 X 2 CXCXCXC CD DOUBLETY | 4 CXCXCXC CD DOUBLETY |
| 4 X 4 X 2 X 2 CXCXCXC CD DOUBLETY | 4 X 4X 3 X 3 CXCXCXC CD DOUBLETY |
| 1-1/4 CXCXCXC CD DOUBLE LONG TURNTY | 1-1/2 CXCXCXC CD DOUBLE LONG TURNTY |
| 1-1/2 1-1/2 1-1/4 1-1/4 CXCXCXCCD DLT TY | 2 CXCXCXC CD DOUBLE LONG TURNTY |
| 2 X 2 X 1-1/4 X 1-1/4CXCXCXC CD DLT TY | 2 X 2 X 1-1/2 X 1-1/2 CXCXCXC CD DLT TY |
| 1-1/2 CXCXC LONG TURN CD TY | 2 CXCXC LONG TURN CD TY |
| 3X3X3X1-1/2 CXCXCXC SIDEOUT RH CD TY | 3X3X3X1-1/2 CXCXCXC SIDEOUT LH CD TY |
| 3X3X3X1-1/2 CXCXCXC SIDEOUT RH CD TY | 3X3X3X1-1/2 CXCXCXC SIDEOUT LH CD TY |

Subject Copper Pipe Fittings—DWV Y's

| 1-1/4 CXCXC CD 45 Y* | 1-1/2 CXCXC CD 45 Y* |
|--|---|
| 1-1/2CX 1-1/4CX 1-1/4C CD 45 Y* | 1-1/2CX 1-1/4CX 1-1/2C CD 45 Y* |
| 1-1/2CX 1-1/2CX 1-1/4C CD 45 Y* | 2 CXCXC 45 CD Y* |
| 2CX 1-1/4CX 1-1/4C CD 45 Y* | 2CX 1-1/4CX 1-1/2C CD 45 Y* |
| 2CX 1-1/4CX 2C CD 45 Y* | 2CX 1-1/2CX 1-1/4C CD 45 Y* |
| 2CX 1-1/2CX 1-1/2C CD 45 Y* | 2CX 1-1/2CX 2C CD 45 Y* |
| 2CX 2CX 1-1/4C CD 45 Y* | 2CX 2CX 1-1/2C CD 45 Y* |
| 3 CXCXC CD 45 Y* | 3C X 2C X 2C CD 45 Y* |
| 3CX 3CX 1-1/4C CD 45 Y* | 3CX 3CX 1-1/2C CD 45 Y* |
| 3CX 3CX 2C CD 45 Y* | 4 CXCXC CD 45 Y* |
| 4CX 4CX 2C CD 45 Y* | 4CX 4CX 3C CD 45 Y* |
| 1-1/4 CXCXCXC CD 45DOUBLE Y | 1-1/2 CXCXCXC CD 45DOUBLE Y |
| 1-1/2 1-1/2 1-1/4 1-1/4CXCXCXC CD DOUBLE Y | 2 CXCXCXC CD 45DOUBLE Y |
| 2 X 2 X 1-1/4 X 1-1/4 CXCXCXC CD DOUBLE Y | 2 X 2 X 1-1/2 X 1-1/2 CXCXCXC CD DOUBLE Y |
| 3 CXCXCXC CD 45DOUBLE Y | 3 X 3 X 1-1/2 X 1-1/2 CXCXCXC CD DOUBLE Y |

Subject Copper Pipe Fittings—Caps and Cleanouts

| 5 CP TUBE END CAP* | 6 CP TUBE END CAP* |
|--|--|
| 1-1/2 CXC/O CD TUBE END CLEANOUT* | 3 CD CXC/O TUBE END CLEANOUT* |
| 3 FTGXC/O CD CLEANOUT - FLUSH TYPE* | 4 FTGXC/O CD CLEANOUT - FLUSH TYPE* |
| 1-1/4 FTGXC/O CD CLEANOUT - FULL PLUG* | 1-1/2 FTGXC/O CD CLEANOUT - FULL PLUG* |
| 2 FTGXC/O CD CLEANOUT - FULL PLUG* | 3 FTGXC/O CD CLEANOUT - FULL PLUG* |
| 4 FTGXC/O CD CLEANOUT - FULL PLUG* | 1-1/4 CXCXCO CD LINE CLEANOUT |
| 1-1/2 CXCXCO CD LINE CLEANOUT | 2 CXCXCO CD LINE CLEANOUT |
| 3 CXCXCO CD LINE CLEANOUT | 4 CXCXCO CD LINE CLEANOUT |
| 1-1/2 CXCXCO CLEANOUT-FULL PLUG | 2 CXCXCO CD CLEANOUT - FULL PLUG |
| 3 CXCXCO CD CLEANOUT - FULL PLUG | 1-1/4 CXCO WD TUBE END CLEANOUT* |
| 1-1/2 CXCO WD TUBE END CLEANOUT* | 2 CXCO WD TUBE END CLEANOUT* |
| 3 CXCO WD TUBE END CLEANOUT* | 1-1/4 WD FLUSH FTGXCO CLEANOUT* |
| 1-1/2 FTGXCO WD CLEANOUT-FLUSH TYPE* | 1-1/2 X 1 FTGXCO WD CLEANOUT - FLUSH* |
| 2 FTGXCO WD CLEANOUT-FLUSH TYPE* | 1-1/4 FTGXCO WD CLEANOUT FULL PLUG* |
| 1-1/2 FTGXCO WD CLEANOUT FULL PLUG* | 2 FTGXCO WD CLEANOUT FULL PLUG* |