# THE GOVERNMENT OF THE SOCIALIST REPUBLIC OF VIETNAM

### SUBSIDY REQUEST FOR INFORMATION

Information requested under the *Special Import Measures Act* concerning Canada's subsidy investigation of

## CERTAIN COPPER PIPE FITTINGS ORGINATING IN OR EXPORTED FROM THE SOCIALIST REPUBLIC OF VIETNAM

**DUE DATE FOR** 

Your complete response to Parts D, E, G and H, of this Request for

**RESPONSE** 

Information must be received at the Canada Border Services Agency's office in

Ottawa, Ontario, Canada, December 4, 2017.

**PERIOD OF** 

INVESTIGATION January 1, 2016 to August 31, 2017 (20 months)

**RETURN YOUR** 

Canada Border Services Agency

**RESPONSE TO** Trade and Anti-dumping Programs Directorate

SIMA Registry and Disclosure Unit 100 Metcalfe Street, 11th Floor

Ottawa, Ontario, Canada

K1A 0L8

Tel. (for courier reference only): 613-948-4605

Fax: 613-948-4844

E-mail at: simaregistry-depotlmsi@cbsa-asfc.gc.ca

FOR FURTHER INFORMATION

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#### **IMPORTANT NOTES**

INFORMATION SUBMITTED IN RESPONSE TO THIS REQUEST FOR INFORMATION (RFI) IS DEEMED TO BE PUBLIC (NON-CONFIDENTIAL) UNLESS CLEARLY MARKED CONFIDENTIAL. REFER TO THE GUIDELINES IN PART F OF THIS RFI FOR FURTHER INFORMATION, IF YOU WISH TO OBTAIN AN ELECTRONIC COPY OF THIS RFI, PLEASE CONTACT ONE OF THE OFFICERS INDICATED ABOVE.



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#### PART A – SUBJECT GOODS

Note that bold and italicized terms are defined in the Glossary in Part C of this document.

#### PRODUCT DEFINITION

#### Subject goods are described as:

Pressure pipe fittings and drainage, waste and vent pipe fittings, made of cast copper alloy, wrought (or "wrot") copper alloy or wrought copper for use in heating, plumbing, air conditioning and refrigeration applications originating in or exported from the Socialist Republic of Vietnam, restricted to the products enumerated below.

### Products Covered by the Investigation:

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):

- 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 its outside diameter size, always subtract from the outside diameter size.
- 4. The subject goods are identified using abbreviated terms provided by the complainant. The following is a list of the terms:

	Abbreviat	ion Chai	rt i de la completa d
С	Copper Tube Cupped End or Sweat End	LT	Long Turn
M	Male NPT Thread	MJ	Mechanical Joint
FE	Female NPT Thread	DWV	Drainage, Waste, Vent
SJ	Slip Joint End	TY	90° Drainage Tee
FTG	Fitting End (Street End)	Y	45° Drainage Tee

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
3 X 4 CLOSET FLANGE	*	1 X 5/8 CXC WROT COUPLING	*
4 X 4 CLOSET FLANGE	*	1 X 3/4 CXC WROT COUPLING	*
3 X 1-1/2 FITXC CAST DWV BUSH	*	1-1/4 CXC WROT P COUPLING	*
4 X 1-1/2 CXC CAST DWV CPLGS	*	1-1/4 X 1/2 CXC WROT COUPLING	*
4 X 3 CXC CAST DWV COUPLING	*	1-1/4 X 3/4 CXC WROT COUPLING	*
1-1/4 CXCXC 45 Y'S	*	1-1/4 X 1 CXC WROT COUPLING	*
1-1/2 CXCXC 45 DWV Y'S	*	3/8 X 1/8 FTGXC WROT BUSHING	*
1-1/2CX 1-1/4CX 1-1/4C 45 Y'S	*	3/8 X 1/4 FITXC WROT BUSHING	*
1-1/2CX 1-1/4CX 1-1/2C 45 Y'S	*	1/2 X 1/4 FITXC WROT BUSHING	*
1-1/2CX 1-1/2CX 1-1/4C 45 Y'S	*	1/2 X 3/8 FITXC WROT BUSHING	*
2 CXCXC 45 DWV Y'S	*	5/8 X 1/4 WROT P BUSHING	*
2CX 1-1/4CX 1-1/4C 45 Y'S	*	5/8 X 3/8 FITXC WROT BUSHING	*
2CX 1-1/4CX 1-1/2C 45 Y'S	*	5/8 X 1/2 FITXC WROT BUSHING	*
2CX 1-1/4CX 2C 45 Y'S	*	3/4 X 1/4 FITXC WROT BUSHING	*
2CX 1-1/2CX 1-1/4C 45 Y'S	*	3/4 X 3/8 FITXC WROT BUSHING	*
2CX 1-1/2CX 1-1/2C 45 Y'S	*	3/4 X 1/2 FITXC WROT BUSHING	*
2CX 1-1/2CX 2C 45 Y'S	*	3/4 X 5/8 FITXC WROT BUSHING	*
2CX 2CX 1-1/4C 45 Y'S	*	1 X 3/8 FITXC WROT BUSHING	*
2CX 2CX 1-1/2C 45 Y'S	*	1 X 1/2 FITXC WROT BUSHING	*
3 CXCXC 45 DWV Y'S	*	1 X 5/8 FITXC WROT BUSHING	*
3C X 2C X 2C DWV 45 Y'S	*	1 X 3/4 FITXC WROT BUSHING	*
3CX 3CX 1-1/4C 45 Y'S	*	1-1/4 X 1/2 FITXC WROT BUSHING	*
3CX 3CX 1-1/2C 45 Y'S	*	1-1/4 X 3/4 FITXC WROT BUSHING	*
3CX 3CX 2C 45 Y'S	*	1-1/4 X 1 FITXC WROT BUSHING	*
4 CXCXC 45 Y'S	*	1-1/2 X 1/2 FITXC WROT BUSHING	*
4CX 4CX 2C 45 Y'S	*	1-1/2 X 3/4 FITXC WROT BUSHING	*
4CX 4CX 3C 45 Y'S	*	1-1/2 X 1 FITXC WROT BUSHING	*
1-1/4 DWV TY'S	*	1-1/2 X1-1/4 FITXC WROT P BUSH	*
1-1/2 DWV TY'S	*	2 X 1/2 FITXC WROT BUSHING	*
1-1/2 X 1-1/4 X 1-1/4 DWV TY'S	*	2 X 3/4 FITXC WROT BUSHING	*
1-1/2 X 1-1/4 X 1-1/2 DWV TY'S	*	2 X 1 FITXC WROT BUSHING	*
1-1/2 X 1-1/2 X 1-1/4 DWV TY'S	*	2 X 1-1/4 FITXC WROT P BUSHING	*
3 FTG X C X C DWV TY'S	*	2 X 1-1/2 FITXC WROT P BUSHING	*
3 X 3 X 1-1/4 FITXCXC DWV TY'S	*	1-1/2 CXC WROT P COUPLING	*
3 X 3 X 1-1/2 FITXCXC DWV TY	*	2-1/2 X 1 FITXC WROT BUSHING	*
3 X 3 X 2 FITXCXC DWV TYS	*	2-1/2 X 1-1/4 FITXC WROT BUSH	*
2 DWV TY'S	*	2-1/2 X 1-1/2 FITXC WROT BUSH	*
2 X 1-1/4 X 1-1/4 DWV TY'S	*	2-1/2 X 2 FITXC WROT BUSHING	*
2 X 1-1/4 X 1-1/2 DWV TY'S	*	1-1/2 X 1/2 CXC WROT COUPLING	*
2 X 1-1/4 X 2 DWV TY'S	*	1-1/2 X 3/4 CXC WROT COUPLING	*
2 X 1-1/2 X 1-1/4 DWV TY'S	*	1-1/2 X 1 CXC WROT COUPLING	*
2 X 1-1/2 X 1-1/2 DWV TY'S	*	1-1/2 X 1-1/4 CXC WROT P CPLG	*
2 X 1-1/2 X 2 DWV TY'S	*	3 X 1/2 FITXC WROT P BUSHING	*
2 X 2 X 1-1/4 DWV TY'S	*	3 X 3/4 FITXC WROT P BUSHING	*
2 X 2 X 1-1/2 DWV TY'S	*	3 X 1 FITXC WROT P BUSHING	*

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
1-1/2 CXCXFE CAST DWV TY	*	3 X 1-1/4 FITXC WROT P BUSHING	*
2 CXCXFE CAST DWV TY		3 X 1-1/2 FITXC WROT P BUSHING	*
2 X 1-1/2 X 1-1/2 CCF DWV TYS		3 X 2 FITXC WROT P BUSHING	*
3 DWV TY'S	*	3 X 2-1/2 FITXC WROT BUSHING	*
3 X 1-1/2 X 1-1/4 DWV TY'S	*	3-1/2 X 2 FITXC WROT P BUSHING	*
3 X 2 X 1-1/2 CXCXC DWV TY'S	*	3-1/2 X 2-1/2 FITXC WROT BUSH	*
3 X 3 X 1-1/4 DWV TY'S	*	3-1/2 X 3 FITXC WROT BUSHING	*
3 X 3 X 1-1/2 DWV TY'S	*	4 X 1-1/4 FITXC WROT BUSHING	*
3 X 3 X 2 DWV TY'S	*	4 X 1-1/2 FITXC WROT BUSHING	*
4 DWV TY'S	*	4 X 2 FITXC WROT P BUSHING	*
4 X 4 X 1-1/2 DWV TY'S	*	4 X 2-1/2 FITXC WROT BUSHING	*
4 X 4 X 2 DWV TY'S	*	4 X 3 FITXC WROT P BUSHING	*
4 X 4 X 3 DWV TY'S	*	4 X 3-1/2 FITXC WROT BUSHING	*
1-1/4 CXFE CAST DWV ADAPTER	*	2 CXC WROT P COUPLING	*
1-1/2 FITXFE CAST DWV ADAPTER	*	2 X 1/2 CXC WROT COUPLING	*
1-1/2 CXFE CAST DWV ADAPTER	*	2 X 3/4 CXC WROT COUPLING	*
1-1/2 X 1-1/4 CXFE CAST ADAPT	*	2 X 1 CXC WROT COUPLING	*
3 FITXFE CAST DWV ADAPTER	*	2 X 1-1/4 CXC WROT P COUPLING	*
2 CXFE CAST DWV ADAPTER	*	2 X 1-1/2 CXC WROT P COUPLING	*
3 CXFE CAST DWV ADAPTER	*	2-1/2 CXC WROT P COUPLING	*
4 CXFE CAST DWV ADAPTER	*	2-1/2 X 3/4 CXC WROT COUPLING	*
1-1/4 CXM CAST DWV ADAPTER	*	2-1/2 X 1 CXC WROT P CPLGS	*
1-1/4X1-1/2 CXM CAST DWV ADAPT	*	2-1/2 X 1-1/4 CXC WROT CPLG	*
1-1/2 FTGXM CAST DWV ADAPTER	*	2-1/2 X 1-1/2 CXC WROT CPLG	*
1-1/2 CXM CAST DWV ADAPTER	*	2-1/2 X 2 CXC WROT COUPLING	*
1-1/2X1-1/4 CXM CAST DWV ADAPT	*	3 CXC WROT P COUPLING	*
2 CXM CAST DWV ADAPTER	*	3 X 3/4 CXC WROT P COUPLING	*
2 X 1-1/2 CXM CAST DWV ADAPT	*	3 X 1 CXC WROT P COUPLING	*
3 CXM CAST DWV ADAPTER	*	3 X 1-1/4 CXC WROT P COUPLING	*
4 CXM CAST DWV ADAPTER	*	3 X 1-1/2 CXC WROT P COUPLING	*
1-1/4 X 2 CXSP CAST FERRULES	*	3 X 2 CXC WROT P COUPLING	*
1-1/2 X 2 CXSP CAST FERRULES	*	3 X 2-1/2 CXC WROT P COUPLING	*
1-1/2 X 3 CXSP CAST FERRULE	*	3-1/2 CXC WROT P COUPLING	*
2 CXSP CAST FERRULES	*	3-1/2 X 3 CXC WROT COUPLING	*
2 X 3 CXSP CAST FERRULE	*	4 CXC WROT P COUPLING	*
2 X 4 CXSP CAST FERRULES	*	4 X 1-1/2 CXC WROT P COUPLING	*
3 CXSP CAST FERRULES	*	4 X 2 CXC WROT P COUPLING	*
3 X 4 CXSP CAST FERRULES	*	4 X 2-1/2 CXC WROT COUPLING	*
4 CXSP CAST FERRULES	*	4 X 3 CXC WROT P COUPLING	*
3 X 4 CXSP CAST ECC FERRULES	*	4 X 3-1/2 CXC WROT COUPLING	*
1-1/4 X 2 CXMJ CAST ADAPTER	*	5 CXC WROT PRESS COUPLING	*
1-1/4 X 3 CXMJ DWV ADAPTER	*	6 CXC WROT PRESS COUPLING	*
1-1/2 X 2 CXMJ CAST ADAPTER	*	6 X 2-1/2 WROT COUPLINGS	*
1-1/2 X 3 CXMJ CAST ADAPTER	*	1-1/4 X 3/4 CXC WROT ECC CPLG	*
1-1/2 X 4 CXMJ CAST ADAPTER	*	1-1/4 X 1 CXC WROT ECC CPLG	*
2 X 3 CXMJ CAST ADAPTER	*	1/8 CXC WROT CPLGS NO STOP	*
2 X 4 CXMJ CAST ADAPTER	*	1/4 CXC NSTOP WROT CPLGS	*

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
3 CXMJ CAST ADAPTER	*	3/8 CXC WROT CPLGS NO STOP	*
3 X 4 CXMJ CAST ADAPTER	*	1/2 CXC WROT CPLGS NO STOP	*
4 CXMJ CAST ADAPTER	*	5/8 CXC WROT CPLGS NO STOP	*
6 C X M J CAST DWV ADAPTER	*	3/4 CXC WROT CPLGS NO STOP	*
1-1/4 CXC 11-1/4 CAST ELBOW	*	1 CXC WROT CPLGS NO STOP	*
1-1/2 CXC 11-1/4 CAST ELBOW	*	1-1/4 CXC WROT CPLGS NO STOP	*
2 CXC 11-1/4 CAST ELBOW	*	1-1/2 CXC WROT CPLGS NO STOP	*
3 CXC 11-1/4 CAST ELBOW	*	2 CXC WROT CPLGS NO STOP	*
4 C X C 11-1/4 CAST ELBOW	*	2-1/2 CXC WROT CPLG NO STOP	*
1-1/4 CXC 22-1/2 CAST ELBOW	*	3 CXC WROT CPLGS NO STOP	*
1-1/2 CXC 22-1/2 CAST ELBOW	*	4 CXC WROT CPLGS NO STOP	*
2 CXC 22-1/2 CAST ELBOW	*	5 CXC WROT CPLGS NO STOP	*
3 CXC 22-1/2 CAST ELBOW	*	6 CXC WROT CPLGS NO STOP	*
4 CXC 22-1/2 CAST ELBOW	*	1/2 X 3 CXC REPAIR COUPLING	
3 FITXC 45 CAST DWV ELBOW	*	1/2 X 6 CXC REPAIR COUPLING	
	*	3/4 X 3 CXC REPAIR COUPLING	
4 FITXC 45 CAST DWV ELBOW	*	1/8 CXC P RING COUPLING	*
2 CXM CAST DWV 45 ELBOW	*	1/4 CXC RING COUPLINGS	*
1-1/4 CXC 45 CAST DWV ELBOW	*	3/8 CXC P RING COUPLING	*
1-1/2 CXC 45 CAST DWV ELBOW	*		*
2 CXC 45 CAST DWV ELBOW	*	1/2 CXC RING COUPLINGS	*
3 CXC 45 CAST DWV ELBOW	*	5/8 CXC P RING COUPLING	*
4 CXC 45 CAST DWV ELBOW	*	3/4 CXC RING COUPLINGS	*
1-1/4 CXC 60 CAST ELBOW	*	1 CXC P RING COUPLING	*
1-1/2 CXC 60 CAST ELBOW		1-1/4 CXC P RING COUPLING	*
2 CXC 60 CAST ELBOW	*	1-1/2 CXC P RING COUPLING	*
3 CXC 60 CAST ELBOW	*	2 CXC P RING COUPLING	7/
1-1/4 CXC 90 CAST DWV ELBOW	*	2-1/2 CXC RING COUPLINGS	*
1-1/4 FITXC 90 CAST DWV ELBOW	*	3 CXC P RING COUPLING	*
1-1/2 FITXC 90 CAST DWV ELBOW	*	4 CXC P RING COUPLING	*
2 FITXC 90 CAST DWV ELBOW	*	1/2 X 3-1/4 FTGXC SLIDE CPLG	
1-1/2 CXC 90 CAST DWV ELBOW	*	3/4 X 5 FTGXC SLIDE COUPLING	
1-1/2 X 1-1/4 CXC DWV 90 ELBOW	*	1/4 C X FE WROT ADAPTERS	*
3 CAST DWV FTGXC 90 ELBOW	*	3/8 C X FE WROT ADAPTERS	*
4 FITXC 90 CAST DWV ELBOW	*	3/8 X 1/4 CXFE WROT ADAPTERS	*
2 CXC 90 CAST DWV ELBOW	*	3/8 X 1/2 CXFE WROT ADAPTERS	*
2X 1-1/4 CXC 90 CAST DWV ELBOW	*	1/2 C X FE WROT ADAPTERS	*
2 X 1-1/2 CXC 90 CAST DWV ELB	*	1/2 X 1/4 CXFE WROT ADAPTER	*
1-1/2 CXFE 90 CAST DWV ELBOW	*	1/2 X 3/8 CXFE WROT ADAPTER	*
2 CXFE 90 CAST DWV ELBOW	*	1/2 X 3/4 CXFE WROT ADAPTER	*
1-1/2 CXM 90 CAST DWV ELBOW		1/2 X 1 CXFE WROT ADAPTER	*
2 CXM 90 CAST DWV ELBOW		5/8 X 1/2 CXFE WROT ADAPTER	*
3 CXC 90 CAST DWV ELBOW		5/8 X 3/4 CXFE WROT ADAPTER	*
4 CXC 90 CAST DWV ELBOW		3/4 C X FE WROT ADAPTERS	*
1-1/2 TUBE END CLEANOUTS	*	3/4 X 1/2 CXFE WROT ADAPTER	*
3 TUBE END CLEANOUTS	*	3/4 X 1 CXFE WROT ADAPTER	*
3 FTG CLEANOUT - FLUSH TYPE	*	3/4 X 1-1/4 CXFE WROT ADAPTER	*
4 FTG CLEANOUT - FLUSH TYPE	*	3/4 X 1-1/2 CXFE WROT ADAPTER	*

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
1-1/4 FTG CLEANOUT - FULL PLUG	*	1 C X FE WROT ADAPTER	*
1-1/2 FTG CLEANOUT - FULL PLUG	*	1 X 1/2 CXFE WROT ADAPTER	*
2 FTG CLEANOUT - FULL PLUG	*	1 X 3/4 CXFE WROT ADAPTER	*
3 FTG CLEANOUT - FULL PLUG	*	1 X 1-1/4 CXFE WROT ADAPTER	*
4 FTG CLEANOUT - FULL PLUG	*	1 X 1-1/2 CXFE WROT ADAPTER	*
1-1/4 FITXSJ CAST ADAPTER	*	1-1/4 C X FE WROT ADAPTER	*
4 ACT(3S)X1-1/2C-30 ROOF ADAPT	*	1-1/4 C X 3/4 FEMALE WROT ADAP	*
4 ACT(3S) X 2C-30 ROOF ADAPTER	*	1-1/4 X 1 CXFE WROT ADAPTERS	*
4 SOIL(5A)X 1-1/2 C ROOF ADAPT	*	1-1/4 X 1-1/2 CXFE WROT ADAPTR	*
2 C X SJ DWV COUPLING	*	1-1/4 X 2 CXFE WROT PRESS ADAP	*
3/4 CXC CAST COUPLINGS	*	1/4 FITXFE WROT ADAPTER	*
1-1/4 CXC CAST P COUPLINGS	*	3/8 FITXFE WROT ADAPTER	*
1/2 CXCXFE CAST TEE		3/8 X 1/4 FTG X FE WROT ADAPT	*
1/2 X 1/2 X 1/4 CXCXFE C TEE		1/2 FITXFE WROT ADAPTER	*
1/2C X 1/2C X 3/8FE CAST TEE		1/2 X 1/4 FTGXFE WROT ADAPTER	*
1/2 X 1/2 C X 3/6FE CAST TEE		1/2 X 3/8 FITT X FE ADAPTER	*
3/4 CXCXFE CAST TEE		1/2 FTG X 3/4 FE WROT ADAPTER	*
3/4C X 1/2C X 1/2FE CAST TEE		3/4 FITXFE WROT ADAPTER	*
3/4 X 1/2 X 3/4 CXCXF CAST TEE		3/4 FTG X 1/2 FEMALE WROT ADAP	*
		1 FITXFE WROT ADAPTER	*
3/4 X 3/4 X 3/8 CCFE CAST TEE			*
3/4C X 3/4C X 1/2FE CAST TEE		1 FTG X 3/4 FEMALE WROT ADAPTE	*
3/4 X 3/4 X 1 CXCXFE CAST TEE		1-1/4 FITXFE WROT ADAPTER 1-1/2 FITXFE WROT ADAPTER	*
1 CXCXFE CAST TEE		2 FITXFE WROT ADAPTERS	*
1 X 1 X 1/2 CXCXFE CAST TEE			*
1 X 1 X 3/4 CXCXFE CAST TEE		1-1/2 C X FE WROT ADAPTER	*
1-1/4 CXCXFE CAST TEE		2-1/2 FITXFE WROT ADAPTER	*
1-1/4 X 1-1/4 X 1/2 CCFE TEE		1-1/2 C X 1 FEMALE ADAPTER 1-1/2 X 1-1/4 CXFE WROT ADAPT	*
1-1/4 X 1-1/4 X 3/4 CCFE TEE			*
1-1/4X1-1/4X1 CCFE TEE		1-1/2 X 2 CXFE WROT ADAPTER	*
1-1/2 CXCXFE CAST TEE	19	3 FITXFE WROT ADAPTER	
1-1/2X1-1/2X1/2 CCFE TEE		3/4 CXC WROT UNION	*
1-1/2 X 1-1/2 X 3/4 CCFE TEE		1 CXC WROT UNION	*
1-1/2 X 1-1/2 X 1 CCFE TEE		2 C X FE WROT ADAPTER	*
1/2 CXFEXFE CAST TEE		1-1/4 CXC WROT UNION	
1/2C X 3/4F X 1/2F CAST TEE		2 X 1 C X FE WROT ADAPTER	*
3/4 C X FE X FE CAST TEE		2 X 1-1/4 CXFE WROT ADAPTER	*
3/4 C X 3/4 FE X 1/2 FE TEE		2 X 1-1/2 CXFE WROT ADAPTER	*
2 CXCXFE CAST TEE		1-1/2 C X C WROT UNION	*
2 X 2 X 1/2 CXCXFE CAST TEE		1/2 C X FE WROT UNION	*
2 X 2 X 3/4 CXCXFE CAST TEE		3/4 C X FE WROT UNION	*
2 X 2 X 1 CXCXFE CAST TEE		1 C X FE WROT UNION	*
5 X 4 FITXC CAST BUSHING	*	2 CXC WROT UNIONS	*
6 X 2 FITXC CAST BUSHING	*	1-1/4 C X FE WROT UNION	*
6 X 3 FITXC CAST BUSHING	*	1-1/2 C X FE WROT UNION	*
6 X 4 FITXC CAST BUSHING	*	2 C X FE WROT UNION	*
6 X 5 FTGXC CAST P BUSHING	*	1/2 C X M WROT UNION	*
3/8 C X FE X C CAST TEE		3/4 C X M WROT UNIONS	*

	Cast		Cast
Subject Copper Pipe Fittings	&	Subject Copper Pipe Fittings	<b>&amp;</b>
1/2 CXFEXC CAST TEE	Wrot	1 C X M WROT UNION	Wrot *
1/2 CX FEX CAST TEE		1-1/4 C X M WROT UNION	*
1/2C X 1/2FE X 3/4C CAST TEE	<u> </u>	1-1/2 C X M WROT UNION	*
		2 C X M WROT UNION	*
3/4 CXFEXC CAST TEE 3/4 X 1/2 X 1/2 CXFEXC TEE	<del> </del>	2-1/2 C X FE WROT ADAPTER	*
	<u> </u>	3 C X FE WROT ADAPTERS	*
3/4C X 1/2FE X 3/4C CAST TEE	<del> </del>		*
3/4C X 3/4FE X 1/2C CAST TEE	<u> </u>	1/2 CXC WROT CROSSOVER CPLG	*
1 CXFEXC CAST TEE	<u> </u>	3/4 CXC WROT CROSSOVER CPLG	*
1C X 1/2F X 1C CAST TEE	<u> </u>	1/4 CXM WROT ADAPTER	*
1 X 3/4 X 1 CXFXC CAST TEE	ļ	1/4 X 3/8 CXM WROT ADAPT	
1-1/4 CXFEXC CAST TEE	ļ	1/4 X 1/2 CXM WROT ADAPTER	*
1-1/4 X 1/2 X 1-1/4 CXFEXC TEE		3/8 CXM WROT ADAPTER	*
1-1/4 X 3/4 X 1-1/4 CXFEXC TEE		3/8 X 1/4 CXM WROT ADAPTER	*
1-1/2 C X FE X C CAST TEE		3/8 X 1/2 CXM WROT ADAPTER	*
1-1/2X1/2X1-1/2 CXFXC CAST TEE		1/2 CXM WROT ADAPTER	*
1-1/2X3/4X1-1/2 CXFEXC TEE		1/2 X 1/4 CXM WROT ADAPTER	*
1/2 FEXFEXC CAST TEE		1/2 X 3/8 CXM WROT ADAPTER	*
3/4 FEXFEXC CAST TEE		1/2 X 3/4 CXM WROT ADAPTER	*
3/4FE X 1/2FE X 1/2C CAST TEE		1/2 X 1 CXM WROT ADAPTER	*
3/4FE X 1/2FE X 3/4C CAST TEE		5/8 X 1/2 CXM WROT ADAPTER	*
3/4FE X 3/4FE X 1/2C CAST TEE		5/8 X 3/4 CXM WROT ADAPTER	*
2 C X FE X C CAST TEE		3/4 CXM WROT ADAPTER	*
2 X 1/2 X 2 CXFEXC TEE		3/4 C X 3/8 WROT MALE ADAPTER	*
2 X 3/4 X 2 CXFXC CAST TEE		3/4 X 1/2 CXM WROT ADAPTER	*
4 CXC CAST P COUPLINGS	*	3/4 X 1 CXM WROT ADAPTER	*
5 X 3 CXC CAST COUPLING	*	3/4 X 1-1/4 CXM WROT ADAPTER	*
5 X 4 CXC CAST COUPLING	*	3/4 X 1-1/2 CXM WROT ADAPTER	*
6 X 2 CXC CAST PRESS COUPLING	*	1 CXM WROT ADAPTER	*
6 X 3 CXC CAST P COUPLINGS	*	1 X 1/2 CXM WROT ADAPTER	*
6 X 4 CXC CAST P COUPLINGS	*	1 X 3/4 CXM WROT ADAPTER	*
6 X 5 CXC CAST COUPLING	*	1 X 1-1/4 CXM WROT ADAPTER	*
3/4 X 1/2 CXC CAST ECC COUPL	*	1 X 1-1/2 CXM WROT ADAPTER	*
1 X 1/2 CAST ECC COUPLING	*	1 X 2 CXMALE PRESSURE ADAPTER	*
1 X 3/4 CXC CAST ECC COUPLING	*	1-1/4 CXM WROT ADAPTER	*
1-1/4 X 1/2 CAST ECC COUPLING	*	1-1/4 X 3/4 CXM WROT ADAPTER	*
1-1/2 X 1 CXC CAST ECC COUPLIN	*	1-1/4 X 1 CXM WROT ADAPTER	*
1-1/2 X 1-1/4 CXC ECC CPLGS	*	1-1/4 X 1-1/2 CXM WROT ADAPT	*
2 X 1-1/4 CXC CAST ECC CPLGS	*	1-1/4 X 2 CXMALE PRESSURE ADAP	*
2 X 1-1/4 CXC CAST ECC CPLGS	*	1/4 FITXM WROT ADAPTER	*
3 X 2 CXC CAST ECC COUPLING	*	3/8 FITXM WROT ADAPTERS	*
1/2 CXFE CAST ADAPTER	*	1/2 FITXM WROT ADAPTER	*
1/2 CAFE CAST ADAPTER  1/2 X 3/8 CXFE CAST ADAPTER	*	1/2 X 3/8 FITXM WROT ADAPTER	*
1/2 X 3/4 CXFE CAST ADAPTER	*	1/2 X 3/4 FITXM WROT ADAPTER	*
	*	3/4 FITXM WROT ADAPTER	*
3/4 CXFE CAST ADAPTER	*	3/4 X 1/2 FITTXM WROT ADAPTER	*
3/4 X 1/2 CXFE CAST ADAPTER	*	1 FITXM WROT ADAPTER	*
3/4 X 1 CXFE CAST ADAPTER	*		*
3/4 X 1-1/4 CXFE CAST ADAPTER		1 X 3/4 FITTXM WROT ADAPTER	

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
3/4 X 1-1/2 CXFE CAST ADAPTER	*	1-1/4 FITXM WROT ADAPTER	*
1 C X FE CAST ADAPTER	*	1-1/2 FITXM WROT ADAPTER	*
1 X 1/2 CXFE CAST ADAPTER	*	2 FITXM WROT ADAPTER	*
1 X 3/4 C X FE CAST ADAPTER	*	1-1/2 CXM WROT ADAPTER	*
1 X 1-1/4 CXFE CAST ADAPTER	*	2-1/2 FITXM WROT ADAPTER	*
1-1/4 CXFE CAST P ADAPTER	*	1-1/2 X 1 CXM WROT ADAPTER	*
1-1/4 X 1/2 CXFE CAST ADAPTERS	*	1-1/2 X 1-1/4 CXM WROT ADAPT	*
1-1/4 X 3/4 CXFE CAST ADAPTER	*	1-1/2 X 2 CXM WROT ADAPTER	*
1-1/4 X 1 CXFE CAST P ADAPTER	*	3 FTG X M WROT ADAPTER	*
3/4 X 1/2 FITXFE CAST ADAPTER	*	2 CXM WROT ADAPTER	*
1 FTGXFE CAST ADAPTER	*	2 X 1-1/4 CXM WROT ADAPTER	*
1-1/2 CXFE CAST P ADAPTER	*	2 X 1-1/4 CXM WROT ADAPTER	*
1-1/2 X 3/4 CXFE CAST P ADAPT	*	2 X 2-1/2 C X M WROT ADAPTER	*
1-1/2 X 1 CXFE CAST ADAPTER	*	2-1/2 CXM WROT ADAPTER	*
1-1/2 X 2 CXFE CAST ADAPTER	*	2-1/2 CAM WROT ADAPTER  2-1/2 X 2 CXM WROT ADAPTER	*
2 CXFE CAST P ADAPTER	*	3 CXM WROT ADAPTER	*
2-1/2 CXFE CAST UNION	*	4 CXM WROT ADAPTER	*
2-1/2 CXC CAST UNION	*	1/2 X 3/4 C X HOSE ADAPTER	*
2 CXM CAST UNION	*	1/4 CXC WROT 45 ELBOW	*
	*	3/8 CXC WROT 45 ELBOW	*
2-1/2 C X M CAST UNION	*	1/2 CXC WROT 45 ELBOW	*
3 CXC CAST UNION	*	AND	*
2-1/2 C X FE CAST ADAPTER	*	5/8 CXC WROT P 45 ELBOW	*
3 CXFE CAST P ADAPTER	*	3/4 CXC WROT 45 ELBOW 1 CXC WROT 45 ELBOW	*
1/2 CXCXCXC CAST CROSSES	*		*
3/4 CXCXCXC CAST CROSSES	*	1-1/4 CXC WROT P 45 ELBOW	*
1 CXCXCXC CAST CROSSES	*	1/4 FTG X C WROT 45 ELBOW	*
1-1/2 CXCXCXC CAST CROSSES	*	3/8 FITXC WROT 45 ELBOW	*
2 CXCXCXC CAST CROSS	*	1/2 FITXC WROT 45 ELBOW	*
3/4 CXC CAST CROSSOVER CPLG	*	5/8 FITXC WROT 45 ELBOW	*
1/2 CXM CAST ADAPTER		3/4 FITXC WROT 45 ELBOW	
1/2 X 3/4 CXM CAST ADAPTER	*	1 FITXC WROT 45 ELBOW	*
1/2 CAST COMP FLANGE - 125#		1-1/4 FITXC WROT P 45 ELBOW	*
3/4 CAST COMP FLANGE - 125#		1-1/2 FITXC WROT P 45 ELBOW	*
1 CAST COMP FLANGE - 125#		2 FITXC WROT P 45 ELBOW	
1-1/4 CAST COMP FLANGE - 125#		1-1/2 CXC WROT P 45 ELBOW	*
1-1/2 CAST COMP FLANGE - 125#		2-1/2 FITXC WROT 45 ELBOW	*
2 CAST COMP FLANGE - 125#		2 CXC WROT P 45 ELBOW	*
2-1/2 CAST COMP FLANGE - 125#		2-1/2 CXC WROT P 45 ELBOW	*
3 CAST COMP FLANGE - 125#		3 CXC WROT P 45 ELBOW	*
3-1/2 COMP FLANGE #125		4 CXC WROT P 45 ELBOW	*
4 CAST COMP FLANGE - 125#		1/4 CXC WROT 90 ELBOW	*
5 CAST COMP FLANGE - 125#		3/8 CXC WROT 90 ELBOW	*
6 CAST COMP FLANGE - 125#		1/2 CXC WROT 90 ELBOW	*
8 CAST COMP FLANGE - 125#		5/8 CXC WROT 90 ELBOWS	*
1/2 CAST COMP FLANGE - 150#		3/4 CXC WROT 90 ELBOW	*
3/4 CAST COMP FLANGE - 150#		3/4 X 1/2 CXC WROT 90 ELBOW	*
1 CAST COMP FLANGE - 150#		1 CXC WROT 90 ELBOW	*

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
1-1/4 CAST COMP FLANGE - 150#	,,,,,,,,	1 X 1/2 CXC WROT 90 ELBOW	*
1-1/2 CAST COMP FLANGE - 150#		1 X 3/4 CXC WROT 90 ELBOW	*
2 CAST COMP FLANGE - 150#		1-1/4 CXC WROT P 90 ELBOW	*
2-1/2 CAST COMP FLANGE - 150#		1-1/4 X 1 CXC WROT 90 ELBOW	*
3 CAST COMP FLANGE - 150#		1/4 FITXC WROT 90 ELBOW	*
3-1/2 CAST COMP FLANGE #150		3/8 FITXC WROT 90 ELBOW	*
4 X 9 CAST COMP FLANGE - 150#		1/2 FITXC WROT 90 ELBOW	*
5 CAST COMP FLANGE - 150#		5/8 FITXC WROT 90 ELBOW	*
6 CAST COMP FLANGE -150#		3/4 FITXC WROT 90 ELBOW	*
8 CAST COMP FLANGE - 150#		1 FITXC WROT 90 ELBOW	*
3/4 CXM CAST ADAPTER	*	1-1/4 FITXC WROT 90 ELBOW	*
3/4 X 1/2 CXM CAST ADAPTER	*	1/2 FTGXFTG WROT 90 ELBOW	*
3/4 X 1-1/4 CXM CAST ADAPTER	*	3/4 FTG X FTG WROT 90 ELBOWS	*
1/2 COMP FLANGES - 300#		1-1/2 FITXC WROT 90 ELBOW	*
1 X 5 COMP FLANGES - 300#		2 FITXC WROT 90 ELBOW	*
1-1/4 COMP FLANGES - 300#		1-1/2 CXC WROT P 90 ELBOW	*
1-1/2 X 6-1/2 COMP FLANGE-300#		2-1/2 FITXC WROT 90 ELBOW	*
2 COMP FLANGE - 300#		1-1/2CX 1-1/4C WROT P 90 ELBOW	*
2-1/2 CAST COMP FLANGE - 300#		2 CXC WROT P 90 ELBOW	*
3 X 8-1/4 COMP FLANGE - 300#		2-1/2 CXC WROT 90 ELBOW	*
4 COMP FLANGE - 300#		3 CXC WROT P 90 ELBOW	*
1 CXM CAST ADAPTER	*	4 CXC WROT P 90 ELBOW	*
1 X 1/2 CXM CAST ADAPTER	*	1/2 CXC WROT 90 VENT ELBOW	*
1 X 1-1/4 CXM CAST ADAPTER	*	3/4 CXC WROT 90 VENT ELBOW	*
1 X 1-1/2 CXM CAST ADAPTER	*	1 CXC WROT 90 VENT ELBOW	*
1-1/2 BLIND COMPANION FLANGE	0	1/4 CXC (LT) WROT 90 ELBOWS	
2 X 6 BLIND COMPANION FLANGE		3/8 CXC (LT) WROT 90 ELBOW	
3 X 7-1/2 BLIND COMP FLANGE		1/2 CXC (LT) WROT 90 ELBOW	
13-1/2 X 8 BLIND COMPANION FLG		5/8 CXC LT 90 ELBOW	
8 COMP FLANGE 125# SILVER BRZD		3/4 CXC (LT) WROT 90 ELBOW	
3 COMP FLANGE 150# SILVER BRZD		1 CXC (LT) WROT 90 ELBOW	
8 COMP FLANGE 150# SILVER BRZD		1-1/4 CXC (LT) WROT 90 ELBOW	
1-1/4 CXM CAST P ADAPTER	*	1/4 CXFIT LT 90 ELBOW	
1-1/4 X 1/2 CXM CAST ADAPTER	*	3/8 C X FTG LT 90 ELBOWS	
1-1/4 X 1 CXM CAST ADAPT	*	1/2 C X FTG LT 90 ELBOWS	
1-1/2 CXM CAST P ADAPTER	*	5/8 CXFTG LT 90 ELBOW	
1-1/2 X 3/4 CXM CAST ADAPTER	*	3/4 CXFTG LT 90 ELBOW	
2 CXM CAST P ADAPTER	*	1 CXFTG LT 90 ELBOW	
2 X 1-1/2 C X M CAST P ADAPT	*	1-1/4 CXFTG LT 90 ELBOW	
2-1/2 CXM CAST ADAPTER	*	1-1/2 CXFTG LT 90 ELBOW	
3 CXM CAST P ADAPTER	*	2 CXFTG LT 90 ELBOW	
1/2C X 1M X 1/2 FE BOILER CPLG		1-1/2 CXC (LT) WROT 90 ELBOWS	
4 CXM CAST ADAPTER	*	2 CXC (LT) WROT 90 ELBOW	
1/2 X 1 X 1/2 CXMXFE CAST BOIL		3/4 X 1/8 FE X 3/4 W BASE TEE	*
1/2 C X M CAST 45 ELBOWS		1/2 X 1/4 FTGXC FL BUSHING	*
3/4 C X M CAST 45 ELBOWS		1/2 X 3/8 FITXC FLUSH BUSHING	*
1-1/4 C X M CAST 45 ELBOWS		5/8 X 3/8 FTGXC FL BUSHING	*

4 CXC CAST 45 ELBOW	Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
1	4 CXC CAST 45 ELBOW	11100	3/4 X 1/2 FITXC FLUSH BUSHING	
1.7				*
1-1/4 CXC CAST P 90 ELBOW	AND THE CONTROL OF TH		200 TUR 30, 18 643 (ABMC 30, 14 400 GAMSUC 30, 16 300 GAMSUC 30, 16 300 GAMSUC 30 GAMS	*
1-1/4 X 1/2 CXC CAST 90 ELBOW				*
1-1/4 X 3/4 CAST 90 ELBOWS				*
1-1/4 X 1 CAST 90 ELBOWS	[ [ [ 14] 2   24] [ 14]			*
1-1/2 X 1/2 CAST 90 ELBOWS				*
1.1/2 X 3/4 CXC 90 CAST ELBOW				*
1-1/2 X 1 CXC 90 CAST ELBOW	1900 Control (1900) C			*
1-1/4 X 1 FITXFE FLUSH FE BUSH   1/2 X 3/4 CXFE CAST 90 ELBOW   1-1/2 X 1 FTGXFE FLUSH FE BUSH   8/1/2 X 1 CXFE CAST 90 ELBOW   1/2 CXM FLUSH VALVE WROT ADAPT   8/1/2 X 1 CXFE CAST 90 ELBOW   3/4 CXM FLUSH VALVE WROT ADAPT   8/1/2 X 1 CXFE CAST 90 ELBOW   1/8 CXCX CWROT TEE   8/1/4 X 1 CXFE CAST 90 ELBOW   1/4 CXCXC WROT TEE   8/1/4 X 1 CXFE CAST 90 ELBOW   3/8 CXCX CWROT TEE   8/1/4 CXFE CAST 90 ELBOW   3/8 CXCX CWROT TEE   8/1/4 CXFE CAST 90 ELBOW   3/8 CXCX CWROT TEE   8/1/4 CXFE CAST 90 ELBOW   3/4 CXCX CWROT TEE   8/1/4 CXFE CAST 90 ELBOW   3/4 CXCX CWROT TEE   8/1/4 CXFE CAST 90 ELBOW   3/4 CXCX CWROT TEE   8/1/4 CXFE CAST 90 ELBOW   3/4 CXCX CWROT TEE   8/1/4 X 1/2 CXFE CAST 90 ELBOW   3/4 CXCX CWROT TEE   8/1/4 X 1/2 CXFE CAST 90 ELBOW   3/4 X 1/2 X 1/2 CXCX CWROT TEE   8/1/4 X 1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/2 X 3/4 CXCX CWROT TEE   8/1/4 X 1 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/4 WROT P TEE   8/1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/4 WROT P TEE   8/1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/4 CXCX CWROT TEE   8/1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/2 CXCX CWROT TEE   8/1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/2 CXCX CWROT TEE   8/1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/2 CXCX CWROT TEE   8/1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/2 CXCX CWROT TEE   8/1/2 CXFE CAST 90 ELBOW   3/4 X 3/4 X 1/2 CXCX CWROT TEE   8/1/2 X 3/4 CXC CWROT TEE   8/1/2 X				*
172 CATE CAST 90 ELBOW				
12 X 1 CXFE CAST 90 ELBOW	20000000 Demonstration (Company Company Compan			- 3
3/4 CXFE CAST 90 ELBOW				
1/8 CXCXC WROT TEE				
3/4 X 1 CXFE CAST 90 ELBOW				
1 CXFE CAST 90 ELBOW				
1 X 1/2 C X FE 90 ELL CAST	France (C. Comment and C. Comment an			
1 X 3/4 CXFE CAST 90 ELBOW				
1-1/4 CXFE CAST P 90 ELBOW   3/4 CXCXC WROT TEE   *    -1/4 X 3/4 CXFE CAST 90 ELBOW   3/4 X 1/2 X 1/2 CXCXC WROT TEE   *    -1/4 X 1 CXFE CAST 90 ELBOW   3/4 X 1/2 X 3/4 CXCXC WROT TEE   *    -1/2 CXFE CAST P 90 ELBOW   3/4 X 3/4 X 1/4 WROT P TEE   *    -1/2 CXFE CAST P 90 ELBOWS   3/4 C X 3/4 C X 3/8 C WROT P TEE   *    -1/2 X 1 C X FE CP 90 ELBOWS   3/4 X 3/4 X 1/4 WROT P TEE   *    -1/2 CXFE CAST P 90 ELBOW   3/4 X 3/4 X 1/2 CXCXC WROT TEE   *    -1/2 CXFE CAST P 90 ELBOW   1 CXCXC WROT TEE   *    -1/2 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   *    -1/2 X 3/8 CXM CAST 90 ELBOW   1 X 1/2 X 3/4 CXCXC WROT TEE   *    -1/2 X 3/4 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   *    -1/2 X 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   *    -1/2 X 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 3/4 CXCXC WROT TEE   *    -1/2 X 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   *    -1/2 X 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   *    -1/4 X 1 M 90 CAST ELBOWS   1 X 3/4 X 3/4 CXCXC WROT TEE   *    -1/4 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 X 3/4 WROT TEE   *    -1/4 X 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 X 3/4 WROT TEE   *    -1/4 X 1/2 X 1/4 WROT TEE   *    -1/4 X 1/2 X 1/4 WROT TEE   *    -1/4 X 1/4 X 1 X 1/2 WROT TEE   *    -1/4 X 1 X 1 X 3/4 WROT TEE   *			(CTABLE ) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100
1-1/4 X 3/4 CXFE CAST 90 ELBOW   3/4 X 1/2 X 3/4 CXCXC WROT TEE   * 1-1/4 X 1 CXFE CAST 90 ELBOW   3/4 X 1/2 X 3/4 CXCXC WROT TEE   * 1-1/2 CXFE CAST P 90 ELBOW   3/4 X 3/4 X 1/4 WROT P TEE   * 1-1/2 X 1 C X FE CP 90 ELBOW   3/4 X 3/4 X 1/4 WROT P TEE   * 2 CXFE CAST P 90 ELBOW   3/4 X 3/4 X 1/2 CXCXC WROT TEE   * 3 C X FE CAST 90 ELBOW   1 CXCXC WROT TEE   * 1/2 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   * 1/2 X 3/8 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   * 1/2 X 3/8 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   * 1/2 X 3/4 CXM CAST 90 ELBOW   1 X 1/2 X 1 CXCXC WROT TEE   * 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   * 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   * 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   * 1 X 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   * 1 X 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 X 1/2 X 3/4 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 X 1 X 3/4 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 CXCXC WROT TEE   * 1 CXC	FIG. 1942 CAS THE CONTROL SENSE CONTROL SENSE CONTROL SENSE CONTROL SENSE CONTROL SENSE			
1-1/4 X 1 CXFE CAST 90 ELBOW       3/4 X 1/2 X 3/4 CXCXC WROT TEE       *         1-1/2 CXFE CAST P 90 ELBOW       3/4 X 3/4 X 1/4 WROT P TEE       *         1-1/2 X 1 C X FE CP 90 ELBOWS       3/4C X 3/4C X 3/8C WROT P TEE       *         2 CXFE CAST P 90 ELBOW       3/4 X 3/4 X 1/2 CXCXC WROT TEE       *         3 C X FE CAST 90 ELBOW       1 CXCXC WROT TEE       *         1/2 CXM CAST 90 ELBOW       1 X 1/2 X 1/2 CXCXC WROT TEE       *         1/2 X 3/8 CXM CAST 90 ELBOW       1 X 1/2 X 1/2 CXCXC WROT TEE       *         1/2 X 3/4 CXM CAST 90 ELBOW       1 X 1/2 X 1 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 3/4 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 CXM CAST 90 CLBOW       1 CXM CAST 90 CRACK WROT TEE       *      <				
1-1/2 CXFE CAST P 90 ELBOW       3/4 X 3/4 X 1/4 WROT P TEE       *         1-1/2 X 1 C X FE CP 90 ELBOWS       3/4C X 3/4C X 3/8C WROT P TEE       *         2 CXFE CAST P 90 ELBOW       3/4 X 3/4 X 1/2 CXCXC WROT TEE       *         3 C X FE CAST 90 ELBOW       1 CXCXC WROT TEE       *         1/2 CXM CAST 90 ELBOW       1 X 1/2 X 1/2 CXCXC WROT TEE       *         1/2 X 3/8 CXM CAST 90 ELBOW       1 X 1/2 X 3/4 CXCXC WROT TEE       *         1/2 X 3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 C X 1 M 90 CAST ELBOWS       1 X 3/4 X 3/4 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1/2 X 3/8 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOW       1 CX 1/4 X 1/2 X 1/2 WROT TEE       *         1 CXM CAST 90 ELBOW       1 CX 1/4 X 1/2 X 1/2 WROT TEE       *         1 CXM CAST 90 ELBOW       1 CX 1/4 X 1/2 X 1/2 WROT TEE       *         1 CX 1/8FE X 1/2C BASE T	THE CONTROL OF TAXABLE AND		CALLY IN ENGINEER AND THE PARTY OF THE PARTY	
1-1/2 X1 C X FE CP 90 ELBOWS   3/4 X 3/4 X 3/4 C X 3/8C WROT P TEE   * 2 CXFE CAST P 90 ELBOW   3/4 X 3/4 X 1/2 CXCXC WROT TEE   * 3/4 C X 3/8 C WROT P TEE   * 1/2 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   * 1/2 X 3/8 CXM CAST 90 ELBOW   1 X 1/2 X 3/4 CXCXC WROT TEE   * 1/2 X 3/4 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   * 1/2 X 3/4 CXM CAST 90 ELBOW   1 X 1/2 X 1 CXCXC WROT TEE   * 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   * 3/4 CXM CAST 90 ELBOW   1 X 3/4 X 1/2 CXCXC WROT TEE   * 3/4 C X 1 M 90 CAST ELBOWS   1 X 3/4 X 1 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 X 1/2 X 1/2 CXCXC WROT TEE   * 1 CXM CAST 90 ELBOW   1 X 1/2 CXCXC WROT TEE   * 1 -1/4 CXM CAST 90 ELBOW   1 X 1 X 1/2 CXCXC WROT TEE   * 1 -1/4 CXM CAST 90 ELBOW   1 X 1 X 1/2 CXCXC WROT TEE   * 1 -1/4 CXM CAST 90 ELBOW   1 X 1 X 1/2 CXCXC WROT TEE   * 1 -1/4 CXM CAST 90 ELBOW   1 -1/4 CXCXC WROT TEE   * 1 -1/4 CXCXC WROT				
2 CXFE CAST P 90 ELBOW       3/4 X 3/4 X 1/2 CXCXC WROT TEE       *         3 C X FE CAST 90 ELBOW       1 CXCXC WROT TEE       *         1/2 CXM CAST 90 ELBOW       1 X 1/2 X 1/2 CXCXC WROT TEE       *         1/2 X 3/8 CXM CAST 90 ELBOW       1 X 1/2 X 1 CXCXC WROT TEE       *         1/2 X 3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 X 1/2 CXM CAST 90 ELBOW       1 X 3/4 X 3/4 CXCXC WROT TEE       *         3/4 CX 1 M 90 CAST ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 X 3/4 CXM CAST 90 ELBOWS       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 CXM CAST 90 ELBOW       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 X 1 CXM CAST 90 ELBOW       1 -1/4 CXCXC WROT TEE       *         1-1/4 X 1/2 X 1/2 WROT TEE       *         1-1/4 X 1/2 X 1/2 WROT TEE       *         1-1/4 X 1/2 X 1/2 WROT TEE       *         1-1/4 X 1/2 X 1 WROT TEE       *         1-1/4 X 1/2 WROT TEE       *			The state of the s	34.54
3 C X FE CAST 90 ELBOW  1 CXCXC WROT TEE  *  1/2 CXM CAST 90 ELBOW  1 X 1/2 X 1/2 CXCXC WROT TEE  *  1/2 X 3/8 CXM CAST 90 ELBOW  1 X 1/2 X 3/4 CXCXC WROT TEE  *  1/2 X 3/4 CXM CAST 90 ELBOW  1 X 1/2 X 1 CXCXC WROT TEE  *  3/4 CXM CAST 90 ELBOW  1 X 3/4 X 1/2 CXCXC WROT TEE  *  3/4 CXM CAST 90 ELBOW  1 X 3/4 X 1/2 CXCXC WROT TEE  *  3/4 C X 1 M 90 CAST ELBOWS  1 X 3/4 X 1 CXCXC WROT TEE  *  1 CXM CAST 90 ELBOWS  1 X 3/4 X 1 CXCXC WROT TEE  *  1 CXM CAST 90 ELBOWS  1 X 1 X 3/8 CXCXC WROT TEE  *  1 CXM CAST 90 ELBOWS  1 X 1 X 1/2 CXCXC WROT TEE  *  1 X 1/2 CXCXC WROT TEE  *  1 X 1/4 CXM CAST 90 ELBOW  1 X 1 X 1/2 CXCXC WROT TEE  *  1-1/4 CXM CAST 90 ELBOW  1 X 1 X 1/2 CXCXC WROT TEE  *  1-1/4 CXM CAST 90 ELBOW  1 X 1 X 1/2 CXCXC WROT TEE  *  1-1/4 X 1 CXM CAST 90 ELBOW  1-1/4 X 1/2 X 1/2 WROT TEE  *  1-1/4 X 1/2 X 1/2 WROT TEE  *  1/2C X 1/8FE X 1/2C BASE TEE  1-1/4 X 1/2 X 1-1/4 WROT TEE  *  1-1/4 X 1/2 WROT TEE	Level Control of the Market Control of the Control			
1/2 CXM CAST 90 ELBOW       1 X 1/2 X 1/2 CXCXC WROT TEE       *         1/2 X 3/8 CXM CAST 90 ELBOW       1 X 1/2 X 3/4 CXCXC WROT TEE       *         1/2 X 3/4 CXM CAST 90 ELBOW       1 X 1/2 X 1 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 X 1/2 CXM CAST 90 ELBOW       1 X 3/4 X 3/4 CXCXC WROT TEE       *         3/4 C X 1 M 90 CAST ELBOWS       1 X 1 X 3/8 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 X 3/4 CXM CAST 90 ELBOW       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 CXM CAST 90 ELBOW       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 X 1 CXM CAST 90 ELBOWS       1-1/4 CXCXC WROT TEE       *         1-1/4 X 1/2 X 1/2 WROT TEE       *       *         1-1/4 X 1/2 X 1/2 WROT TEE       *       *         1-1/4 X 1/2 X 1/2 WROT TEE       *       *         1-1/4 X 1/2 X 1/2 WROT TEE       *       *         1-1/4 X 1/2 X 1/2 WROT TEE       *       *         1-1/4 X 1/2 X 1 WROT TEE       *       *         1-1/4 X 1/2 X 1 WROT TEE       *       *         1-1/4 X 1/2 X 1 WROT TEE       *       *         1-1/4 X 1/2 WROT TEE       *       *				
1/2 X 3/8 CXM CAST 90 ELBOW       1 X 1/2 X 3/4 CXCXC WROT TEE       *         1/2 X 3/4 CXM CAST 90 ELBOW       1 X 1/2 X 1 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 X 1/2 CXM CAST 90 ELBOW       1 X 3/4 X 3/4 CXCXC WROT TEE       *         3/4 C X 1 M 90 CAST ELBOWS       1 X 1 X 3/8 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 X 3/4 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1-1/4 CXM CAST 90 ELBOW       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 X 1 CXM CAST 90 ELBOW       1 -1/4 CXCXC WROT TEE       *         1-1/2 CXM CAST 90 ELBOW       1 -1/4 X 1/2 X 1/2 WROT TEE       *         2 CXM CAST 90 ELBOW       1 -1/4 X 1/2 X 1/2 WROT TEE       *         6 CXC CAST 90 ELBOW       1 -1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1 -1/4 X 3/4 X 1/2 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1 -1/4 X 3/4 X 1/2 WROT TEE       *         1-1/4 C X 1/8FE X 1 C BASE TEE       * 1 -1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1 -1/4 X 3/4 X 1 WROT TEE       *         1-1/4 X 1 X 1 FITXFE FL BUSHING       * 1 -1/4 X 1 X 1 X 3/4 WROT TEE       *	THE ACCUSAGE CONTRACTOR OF THE	9	LES ACRONOSTICACIONATES WILL DOMESTICAL RECOGNICACIO	350
1/2 X 3/4 CXM CAST 90 ELBOW       1 X 1/2 X 1 CXCXC WROT TEE       *         3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 X 1/2 CXM CAST 90 ELBOW       1 X 3/4 X 3/4 CXCXC WROT TEE       *         3/4 C X 1 M 90 CAST ELBOWS       1 X 3/4 X 1 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 X 3/4 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1-1/4 CXM CAST 90 ELBOW       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 X 1 CXM CAST 90 ELBOWS       1-1/4 CXCXC WROT TEE       *         1-1/2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 1/2 WROT TEE       *         2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 1/2 WROT TEE       *         6 CXC CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         1/4 C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4 X 1 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       * <td>1/2 CXM CAST 90 ELBOW</td> <td></td> <td></td> <td></td>	1/2 CXM CAST 90 ELBOW			
3/4 CXM CAST 90 ELBOW       1 X 3/4 X 1/2 CXCXC WROT TEE       *         3/4 X 1/2 CXM CAST 90 ELBOW       1 X 3/4 X 3/4 CXCXC WROT TEE       *         3/4 C X 1 M 90 CAST ELBOWS       1 X 1 X 3/8 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 1/2 CXCXC WROT TEE       *         1 X 3/4 CXM CAST 90 ELBOW       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 CXM CAST P 90 ELBOW       1 - 1/4 CXCXC WROT TEE       *         1-1/2 CXM CAST P 90 ELBOWS       1 - 1/4 X 1/2 X 1/2 WROT TEE       *         1-1/2 CXM CAST P 90 ELBOW       1 - 1/4 X 1/2 X 3/4 WROT TEE       *         2 CXM CAST 90 ELBOW       1 - 1/4 X 1/2 X 1 WROT TEE       *         6 CXC CAST 90 ELBOW       1 - 1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1 - 1/4 X 3/4 X 1/2 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1 - 1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 1 C BASE TEE       * 1 - 1/4 X 3/4 X 1 WROT TEE       *         1 C X 1/8FE X 1 C BASE TEE       * 1 - 1/4 X 3/4 X 1 WROT TEE       *         1 - 1/4 X 1 /2 FITXFE FL BUSHING       * 1 - 1/4 X 1 X 1/2 WROT TEE       *         1 - 1/4 X 1 FITXFE FLUSH ADAPTER       * 1 - 1/4 X 1 X 3/4 WROT TEE       *	1/2 X 3/8 CXM CAST 90 ELBOW		1 X 1/2 X 3/4 CXCXC WROT TEE	*
3/4 X 1/2 CXM CAST 90 ELBOW	1/2 X 3/4 CXM CAST 90 ELBOW		1 X 1/2 X 1 CXCXC WROT TEE	*
3/4 C X 1 M 90 CAST ELBOWS       1 X 3/4 X 1 CXCXC WROT TEE       *         1 CXM CAST 90 ELBOWS       1 X 1 X 3/8 CXCXC WROT TEE       *         1 X 3/4 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1-1/4 CXM CAST P 90 ELBOWS       1 -1/4 CXCXC WROT TEE       *         1-1/2 CXM CAST P 90 ELBOW       1 -1/4 X 1/2 X 1/2 WROT TEE       *         2 CXM CAST 90 ELBOW       1 -1/4 X 1/2 X 1 WROT TEE       *         6 CXC CAST 90 ELBOW       1 -1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       *       1 -1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       *       1 -1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       *       1 -1/4 X 3/4 X 1/2 WROT TEE       *         1 C X 1/8FE X 1 C BASE TEE       *       1 -1/4 X 3/4 X 1 WROT TEE       *         1 -1/4 C X 1/8FEX1-1/4C BASE TEE       *       1 -1/4 X 3/4 X 1 WROT TEE       *         1 -1/4 X 1/2 FITXFE FL BUSHING       *       1 -1/4 X 1 X 1/2 WROT TEE       *         1 -1/4 X 1 FITXFE FLUSH ADAPTER       *       1 -1/4 X 1 X 3/4 WROT TEE       *	3/4 CXM CAST 90 ELBOW		1 X 3/4 X 1/2 CXCXC WROT TEE	*
1 CXM CAST 90 ELBOWS       1 X 1 X 3/8 CXCXC WROT TEE       *         1 X 3/4 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1-1/4 CXM CAST P 90 ELBOWS       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 X 1 CXM CAST 90 ELBOWS       1-1/4 CXCXC WROT TEE       *         2 CXM CAST P 90 ELBOW       1-1/4 X 1/2 X 1/2 WROT TEE       *         6 CXC CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       *       1-1/4 X 1/2 X 1-1/4 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       *       1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       *       1-1/4 X 3/4 X 1/2 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       *       1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       *       1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       *       1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1-1/4 X 1 FITXFE FL BUSHING       *       1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       *       1-1/4 X 1 X 3/4 WROT TEE       *	3/4 X 1/2 CXM CAST 90 ELBOW		1 X 3/4 X 3/4 CXCXC WROT TEE	*
1 X 3/4 CXM CAST 90 ELBOW       1 X 1 X 1/2 CXCXC WROT TEE       *         1-1/4 CXM CAST P 90 ELBOWS       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 X 1 CXM CAST P 90 ELBOWS       1-1/4 CXCXC WROT TEE       *         1-1/2 CXM CAST P 90 ELBOW       1-1/4 X 1/2 X 1/2 WROT TEE       *         2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         6 CXC CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1-1/4 X 1/2 X 1-1/4 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3 1/2 BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1-1/4 X 1 X 1/2 WROT TEE       *       *         1-1/4 X 1 X 1/2 WROT TEE       *       *	3/4 C X 1 M 90 CAST ELBOWS		1 X 3/4 X 1 CXCXC WROT TEE	*
1-1/4 CXM CAST 90 ELBOW       1 X 1 X 3/4 CXCXC WROT TEE       *         1-1/4 X 1 CXM CAST 90 ELBOWS       1-1/4 CXCXC WROT TEE       *         1-1/2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 1/2 WROT TEE       *         2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 3/4 WROT TEE       *         6 CXC CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1-1/4 X 1/2 X 1-1/4 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1-1/4 X 1 TITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *	1 CXM CAST 90 ELBOWS		1 X 1 X 3/8 CXCXC WROT TEE	*
1-1/4 X 1 CXM CAST 90 ELBOWS       1-1/4 CXCXC WROT TEE       *         1-1/2 CXM CAST P 90 ELBOW       1-1/4 X 1/2 X 1/2 WROT TEE       *         2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         6 CXC CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1-1/4 X 1/2 X 1-1/4 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 3/4 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1-1/4 X 1 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *	1 X 3/4 CXM CAST 90 ELBOW		1 X 1 X 1/2 CXCXC WROT TEE	*
1-1/2 CXM CAST P 90 ELBOW       1-1/4 X 1/2 X 1/2 WROT TEE       *         2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         6 CXC CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1-1/4 X 1/2 X 1-1/4 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 3/4 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1 X 1/2 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *	1-1/4 CXM CAST P 90 ELBOW		1 X 1 X 3/4 CXCXC WROT TEE	*
2 CXM CAST 90 ELBOW 1-1/4 X 1/2 X 3/4 WROT TEE  6 CXC CAST 90 ELBOW 1-1/4 X 1/2 X 1 WROT TEE  *  1/2C X 1/8FE X 1/2C BASE TEE *  1-1/4 X 1/2 X 1-1/4 WROT TEE  *  1/2C X 1/8FE X 3/4C BASE TEE *  1-1/4 X 3/4 X 1/2 WROT TEE  *  3/4C X 1/8FE X 3/4C BASE TEE *  1-1/4 X 3/4 X 3/4 WROT TEE  *  1-1/4 X 1/8FE X 1 C BASE TEE *  1-1/4 X 3/4 X 1 WROT TEE  *  1-1/4 C X 1/8FEX1-1/4C BASE TEE *  1-1/4 X 3/4 X 1-1/4 WROT TEE  *  1-1/4 X 1/2 FITXFE FL BUSHING *  1-1/4 X 1 X 1/2 WROT TEE  *  1-1/4 X 1 X 1/2 WROT TEE  *	1-1/4 X 1 CXM CAST 90 ELBOWS		1-1/4 CXCXC WROT TEE	*
2 CXM CAST 90 ELBOW       1-1/4 X 1/2 X 3/4 WROT TEE       *         6 CXC CAST 90 ELBOW       1-1/4 X 1/2 X 1 WROT TEE       *         1/2C X 1/8FE X 1/2C BASE TEE       * 1-1/4 X 1/2 X 1-1/4 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 3/4 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1 X 1/2 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *	1-1/2 CXM CAST P 90 ELBOW		1-1/4 X 1/2 X 1/2 WROT TEE	*
6 CXC CAST 90 ELBOW  1-1/4 X 1/2 X 1 WROT TEE  *  1/2C X 1/8FE X 1/2C BASE TEE  *  1-1/4 X 3/4 X 1/2 WROT TEE  *  3/4C X 1/8FE X 3/4C BASE TEE  *  1-1/4 X 3/4 X 1/2 WROT TEE  *  1-1/4 X 3/4 X 3/4 WROT TEE  *  1-1/4 X 3/4 X 1 WROT TEE  *  1-1/4 X 3/4 X 1 WROT TEE  *  1-1/4 X 1/8FEX1-1/4C BASE TEE  *  1-1/4 X 3/4 X 1-1/4 WROT TEE  *  1-1/4 X 1/2 FITXFE FL BUSHING  *  1-1/4 X 1 X 1/2 WROT TEE  *  1-1/4 X 1 X 1/2 WROT TEE  *	2 CXM CAST 90 ELBOW		1-1/4 X 1/2 X 3/4 WROT TEE	*
1/2C X 1/8FE X 1/2C BASE TEE       * 1-1/4 X 1/2 X 1-1/4 WROT TEE       *         1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 3/4 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1 X 1/2 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *			1-1/4 X 1/2 X 1 WROT TEE	*
1/2C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 1/2 WROT TEE       *         3/4C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 3/4 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1 X 1/2 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *	THE WORK STATE OF STA	*	Ass St. St. Vice Auditor Vice Ass. Sec. April 2007 Biology St. Sec. April 2007 Biology	*
3/4C X 1/8FE X 3/4C BASE TEE       * 1-1/4 X 3/4 X 3/4 WROT TEE       *         1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1 X 1/2 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *		*		*
1C X 1/8FE X 1 C BASE TEE       * 1-1/4 X 3/4 X 1 WROT TEE       *         1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1 X 1/2 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *		*		*
1-1/4C X 1/8FEX1-1/4C BASE TEE       * 1-1/4 X 3/4 X 1-1/4 WROT TEE       *         1 X 1/2 FITXFE FL BUSHING       * 1-1/4 X 1 X 1/2 WROT TEE       *         1-1/4 X 1 FITXFE FLUSH ADAPTER       * 1-1/4 X 1 X 3/4 WROT TEE       *		*		*
1 X 1/2 FITXFE FL BUSHING		*		*
1-1/4 X 1 FITXFE FLUSH ADAPTER		*	COSC AND TOTOTOGODOROUS AND AND SELECTION OF CONTROL OF	*
		*		*
1 1/7 FILL X   FECTELINH RUNH   Φ   1=1/Δ X 1 X 1 WROTTER   Φ	1 1/2 FITT X 1 FE C FLUSH BUSH	*	1-1/4 X 1 X 1 WROT TEE	*

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
3/4 CXFTGXC CAST TEE	*	1-1/4 X 1 X 1-1/4 WROT TEE	*
2 X 2 X 3 CXCXC CAST TEE	*	1-1/4 X 1-1/4 X 1/2 WROT TEE	*
2-1/2 X 1/2 X 2-1/2 CAST TEE	*	1-1/4 X 1-1/4 X 3/4 WROT TEE	*
2-1/2 X 1-1/2 X 1-1/2 CAST TEE	*	1-1/4C X 1-1/4C X 1C WROT TEE	*
5 CXCXC CAST TEE	*	1-1/2 CXCXC WROT TEE	*
5 X 5 X 3 CXCXC CAST TEE	*	1-1/2 X 1/2 X 1/2 WROT TEE	*
6 CXCXC CAST TEE	*	1-1/2 X 1/2 X 3/4 WROT TEE	*
1-1/4 CXC WROT DWV COUPLING	*	1-1/2 X 1/2 X 1 CXCXC WROT TEE	*
1-1/2X1-1/4 FITXC W DWV BUSH	*	1-1/2 X 1/2 X 1-1/4 WROT TEES	*
2 X 1-1/4 FITXC WROT DWV BUSH	*	1-1/2 X 1/2 X 1-1/2 WROT TEE	*
2 X 1-1/2 FITXC W DWV BUSH	*	1-1/2 X 3/4 X 1/2 WROT TEE	*
1-1/2 CXC WROT DWV COUPLING	*	1-1/2 X 3/4 X 3/4 WROT TEE	*
1-1/2X 1-1/4 CXC WROT DWV CPLG	*	1-1/2 X 3/4 X 1 WROT TEE	*
3 X 1-1/4 FITXC WROT DWV BUSH	*	1-1/2 X 3/4 X 1-1/4 WROT TEE	*
3 X 1-1/2 FITXC WROT DWV BUSH	*	1-1/2 X 3/4 X 1-1/2 WROT TEE	*
3 X 2 FITXC WROT DWV BUSH	*	1-1/2 X 1 X 1/2 WROT TEE	*
4 X 2 FTGXC DWV BUSHINGS	*	1-1/2 X 1 X 3/4 WROT TEE	*
4 X 3 FTGXC WROT DWV BUSHING	*	1-1/2 X 1 X 1 WROT TEE	*
2 CXC WROT DWV COUPLING	*	1-1/2 X 1 X 1-1/4 WROT TEE	*
2 X 1-1/4 CXC WROT DWV CPLG	*	1-1/2 X 1 X 1-1/2 WROT TEE	*
2 X 1-1/2 CXC WROT DWV CPLG	*	1-1/2 X 1-1/4 X 1/2 WROT TEE	*
3 CXC WROT DWV COUPLING	*	1-1/2 X 1-1/4 X 3/4 WROT TEE	*
3 X 1-1/4 CXC WROT DWV CPLG	*	1-1/2 X 1-1/4 X 1 WROT TEE	*
3 X 1-1/2 CXC WROT DWV CPLG	*	1-1/2 X 1-1/4 X 1-1/4 WROT TEE	*
3 X 2 CXC WROT DWV COUPLING	*	1-1/2 X 1-1/4 X 1-1/2 WROT TEE	*
4 CXC WROT DWV COUPLING	*	1-1/2 X 1-1/2 X 1/2 WROT TEE	*
4 X 1-1/2 CXC WROT DWV CPLGS	*	1-1/2 X 1-1/2 X 3/4 WROT TEE	*
4 X 2 CXC WROT DWV COUPLING	*	1-1/2 X 1-1/2 X 1 WROT TEE	*
4 X 3 CXC WROT DWV COUPLING	*	1-1/2 X 1-1/2 X 1-1/4 WROT TEE	*
6 CXC WROT DWV COUPLING	*	2 CXCXC WROT TEE	*
1-1/4 CXC W DWV CPLGS NO STOP	*	2 X 1/2 X 2 WROT TEE	*
1-1/2 CXC W DWV CPLGS NO STOP	*	2 X 3/4 X 2 WROT TEE	*
2 CXC WROT DWV CPLGS NO STOP	*	2 X 1 X 3/4 WROT TEE	*
3 CXC WROT DWV CPLGS NO STOP	*	2 X 1 X 1 WROT TEE	*
4 CXC WROT DWV CPLGS NO STOP	*	2C X 1C X 1-1/4C WROT TEE	*
1-1/4 CXM WROT DWV TRAP BUSHIN	*	2 X 1 X 1-1/2 WROT PRESS TEE	*
1-1/2 CXM WROT DWV TRAP BUSH	*	2 X 1 X 2 WROT TEE	*
2 CXM WROT DWV TRAP BUSHING	*	2 X 1-1/4 X 1/2 WROT TEE	*
1-1/4 CXFE WROT DWV ADAPTER	*	2 X 1-1/4 X 3/4 WROT TEE	*
1-1/4 X 1-1/2 CXFE WRT DWV ADA	*	2 X 1-1/4 X 1 WROT TEE	*
1-1/4 FTGXFEMALE DWV ADAPTER	*	2 X 1-1/4 X 1-1/4 WROT TEE	*
1-1/2 FTGXFE WROT DWV ADAPTER	*	2 X 1-1/4 X 1-1/2 WROT TEE	*
2 FTGXFEMALE DWV ADAPTER	*	2 X 1-1/4 X 2 WROT TEE	*
1-1/2 CXFE WROT DWV ADAPTER	*	2 X 1-1/2 X 1/2 WROT TEE	*
1-1/2 X 1-1/4 CXFE WROT ADAPT	*	2 X 1-1/2 X 3/4 WROT TEE	*
1-1/2 X 2 CXFE WROT DWV ADAPTER	*	2 X 1-1/2 X 1 WROT TEE	*
3 FITXFE WROT DWV ADAPTER	*	2 X 1-1/2 X 1-1/4 WROT TEE	*

Subject Copper Pipe Fittings	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
2 C X FE WROT DWV ADAPTER	*	2 X 1-1/2 X 1-1/2 WROT TEE	*
2 X 1-1/2 CXFE WROT DWV ADAPTER	*	2 X 1-1/2 X 2 WROT TEE	*
3 C X FE DWV ADAPTER	*	2 X 2 X 1/2 WROT TEE	*
1-1/2 MALE X 1-1/2 OD DWV ADAPTER	*	2 X 2 X 3/4 WROT TEE	*
1-1/4 CXM WROT DWV ADAPTER	*	2 X 2 X 1 WROT TEE	*
1-1/4X1-1/2 CXM WROT DWV ADAPTER	*	2 X 2 X 1-1/4 WROT TEE	*
1-1/2 FTGXM WROT DWV ADAPTER	*	2 X 2 X 1-1/2 WROT TEE	*
2 FTGXM WROT DWV ADAPTER	*	2-1/2 CXCXC WROT TEE	*
1-1/2 CXM WROT DWV ADAPTER	*	2-1/2 X 1/2 X 2-1/2 WROT TEE	*
1-1/2 X 1-1/4 CXM DWV WROT ADAPTER	*	2-1/2 X 3/4 X 1-1/2 WROT TEE	*
1-1/2 X 2 CXM WROT DWV ADAPTER	*	2-1/2 X 3/4 X 2-1/2 WROT TEE	*
2 CXM WROT DWV ADAPTER	*	2-1/2 X 1 X 1-1/4 WROT TEE	*
2 X 1-1/2 CXM WROT DWV ADAPTER	*	2-1/2 X 1 X 1-1/2 WROT TEE	*
3 CXM WROT DWV ADAPTER	*	2-1/2 X 1 X 2 WROT TEE	*
4 CXM WROT DWV ADPTER	*	2-1/2 X 1 X 2-1/2 WROT TEE	*
1-1/4 CXM DWV FL TRAP ADAPTER	*	2-1/2 X 1-1/4 X 1-1/4CXCXC TEE	*
1-1/2 CXM DWV FL TRAP ADAPTER	*	2-1/2 X 1-1/4 X 1-1/2 WROT TEE	*
2 CXM DWV FL TRAP ADAPTER	*	2-1/2 X 1-1/4 X 2 WROT TEE	*
1-1/2 CXMALE DWV SCULLY BUSHIN	*	2-1/2 X 1-1/4 X 2-1/2 WROT TEE	*
2 CXMALE DWV SCULLY BUSHING	*	2-1/2 X 1-1/2 X 1 WROT TEE	*
2 C X MJ WROT DWV ADAPTER	*	2-1/2 X 1-1/2 X 1-1/4 WROT TEE	*
1-1/4 WROT DWV CXFTG 45 ELBOW	*	2-1/2 X 1-1/2 X 1-1/2 WROT TEE	*
1-1/2 FTGXC WROT DWV 45 ELBOW	*	2-1/2 X 1-1/2 X 2 WROT TEE	*
2 FTGXC WROT DWV 45 ELBOW	*	2-1/2 X 1-1/2 X 2-1/2 WROT TEE	*
3 C X FTG WROT DWV 45 ELBOW	*	2-1/2 X 2 X 1/2 WROT TEE	*
1-1/4 CXC 45 WROT DWV ELBOW	*	2-1/2 X 2 X 3/4 WROT TEE	*
1-1/2 CXC 45 WROT DWV ELBOW	*	2-1/2 X 2 X 1 WROT TEE	*
2 CXC 45 WROT DWV ELBOW	*	2-1/2 X 2 X 1-1/4 WROT TEE	*
3 CXC 45 WROT DWV ELBOW	*	2-1/2 X 2 X 1-1/2 WROT TEE	*
1-1/4 CXC 90 WROT DWV ELBOW	*	2-1/2 X 2 X 2 WROT TEE	*
1-1/4 FITXC 90 WROT DWV ELBOW	*	2-1/2 X 2 X 2-1/2 WROT TEE	*
1-1/2 FITXC 90 WROT DWV ELBOW	*	2-1/2 X 2-1/2 X 1/2 WROT TEE	*
2 FITXC 90 WROT DWV ELBOW	*	2-1/2 X 2-1/2 X 3/4 WROT TEE	*
1-1/2 CXC 90 WROT DWV ELBOW	*	2-1/2 X 2-1/2 X 1 WROT TEE	*
2 CXC 90 WROT DWV ELBOW	*	2-1/2 X 2-1/2 X 1-1/4 WROT TEE	*
3 CXC 90 WROT DWV ELBOW	*	2-1/2 X 2-1/2 X 1-1/4 WROT TEE	*
1-1/2 CXC 90 LT WROT DWV ELBOW	*	2-1/2 X 2-1/2 X 7-1/2 WROT TEE	*
2 CXC 90 LT WROT DWV ELBOW	*	3 CXCXC WROT TEE	*
1-1/4 WROT TUBE END CLEANOUTS	*	3 X 3/4 X 3 WROT TEE	*
1-1/2 WROT TUBE END CLEANOUTS	*	3 X 1 X 3 WROT TEE	*
2 WROT TUBE END CLEANOUTS	*	3 X 1-1/4 X 3 WROT TEE	*
3 WROT TUBE END CLEANOUTS	*	3 X 1-1/4 X 5 WROT TEE 3 X 1-1/2 X 1-1/4 WROT TEE	*
1-1/4 FLUSH FTG CLEANOUT	*	3 X 1-1/2 X 1-1/4 WROT TEE	*
1-1/2 FTG CLEANOUT-FLUSH TYPE	*	3 X 1-1/2 X 1-1/2 WROT TEE	*
1-1/2 X 1 FTG CLEANOUT - FLUSH	*	3 X 1-1/2 X 2-1/2 WROT TEE 3 X 1-1/2 X 3 WROT TEE	*
2 FTG CLEANOUT - FLUSH 2 FTG CLEANOUT-FLUSH TYPE	*	3 X 2 X 1/2 CXCXC WROT TEE	*
2 FTG CLEANOUT-FLUSH TIFE	*	3 X 2 X 1 WROT TEE	*

<b>Subject Copper Pipe Fittings</b>	Cast & Wrot	Subject Copper Pipe Fittings	Cast & Wrot
1-1/2 FTG CLEANOUT FULL PLUG	*	3 X 2 X 1-1/4 WROT TEE	*
2 FTG CLEANOUT FULL PLUG	*	3 X 2 X 1-1/2 WROT TEE	*
1-1/4 FE X SJ WROT DWV ADAPTER	*	3 X 2 X 2 WROT TEE	*
1-1/2 FE X SJ WROT DWV ADAPTER	*	3 X 2 X 2-1/2 WROT TEE	*
1-1/2 X1-1/4 FE X SJ DWV ADAPT	*	3 X 2 X 3 WROT TEE	*
1-1/4 FTG X SJ WROT ADAPTER	*	3 X 2-1/2 X 3/4 WROT TEE	*
1-1/2 FTG X SJ WROT ADAPTER	*	3 X 2-1/2 X 1 WROT TEE	*
1-1/2 X 1-1/4 FTG X SJ ADAPTER	*	3 X 2-1/2 X 1-1/4 WROT TEE	*
1-1/4 M X SJ DWV ADAPTER	*	3 X 2-1/2 X 1-1/2 WROT TEE	*
1-1/2 M X SJ DWV WROT ADAPTER	*	3 X 2-1/2 X 2 WROT TEE	*
1-1/2 X 1-1/4 M X SJ DWV ADAPT	*	3 X 2-1/2 X 2-1/2 WROT TEE	*
1-1/4 C X SJ WROT ADAPTER	*	3 X 2-1/2 X 3 WROT TEE	*
1-1/4 X 1-1/2 CXSJ WROT CPLG	*	3 X 3 X 1/2 WROT TEE	*
1-1/2 C X SJ WROT ADAPTER	*	3 X 3 X 3/4 WROT TEE	*
1-1/2 X 1-1/4 CXSJ WROT ADAPTE	*	3 X 3 X 1 WROT TEE	*
2 C X SJ WROT ADAPTER	*	3 X 3 X 1-1/4 WROT TEE	*
1/8 CXC WROT PRESS COUPLINGS	*	3 X 3 X 1-1/2 WROT TEE	*
1/4 CXC WROT PRESS COUPLINGS	*	3 X 3 X 2 WROT TEE	*
1/4 X 1/8 CXC WROT COUPLING	*	3 X 3 X 2-1/2 WROT TEE	*
3/8 CXC WROT PRESS COUPLING	*	4 CXCXC WROT TEE	*
3/8 X 1/4 CXC WROT COUPLING	*	4 X 1-1/2 X 3 WROT TEE	*
1/2 CXC WROT COUPLING	*	4 X 2 X 2 WROT TEE	*
1/2 X 1/8 CXC WROT COUPLING	*	4 X 2 X 3 WROT TEE	*
1/2 X 1/4 CXC WROT COUPLING	*	4 X 2-1/2 X 2-1/2 WROT TEE	*
1/2 X 3/8 CXC WROT COUPLING	*	4 X 2-1/2 X 3 WROT TEE	*
5/8 CXC WROT COUPLING	*	4 X 3 X 2 WROT TEE	*
5/8 X 1/4 CXC WROT COUPLING	*	4 X 3 X 2-1/2 WROT TEE	*
5/8 X 3/8 CXC WROT CPLGS	*	4 X 3 X 3 WROT TEE	*
5/8 X 1/2 CXC WROT COUPLING	*	4 X 4 X 1/2 WROT TEE	*
3/4 CXC WROT COUPLING	*	4 X 4 X 3/4 WROT TEE	*
3/4 X 1/4 CXC WROT COUPLING	*	4 X 4 X 1 WROT TEE	*
3/4 X 3/8 CXC WROT COUPLING	*	4 X 4 X 1-1/4 WROT TEE	*
3/4 X 1/2 CXC WROT COUPLING	*	4 X 4 X 1-1/2 WROT TEE	*
3/4 X 5/8 CXC WROT COUPLING	*	4 X 4 X 2 WROT TEE	*
1 CXC WROT COUPLING	*	4 X 4 X 2-1/2 WROT TEE	*
1 X 3/8 CXC WROT COUPLINGS	*	4 X 4 X 3 WROT TEE	*
1 X 1/2 CXC WROT COUPLING	*	5 X 5 X 2 CXCXC WROT TEE	*

#### **Additional Product Information**

CPF sold in Canada are manufactured to a variety of standards including:

- ASME/ANSI Std. B16.22 2013 (Wrought Copper and Copper Alloy Solder Joint Pressure Fittings);
- ASME/ANSI Std. B16.18 2012 (Cast Copper Alloy Solder Joint Pressure Fittings);
- ASME/ANSI Std. B16.29 2012 (Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings DWV)
- ASME/ANSI Std. B16.23 2016 (Cast Copper Alloy Solder Joint Drainage Fittings);
- ASME/ANSI Std. B16.24 2016 (Cast Copper Alloy Pipe Flanges, Flanged Fittings, and Valves: Classes 150, 300, 600, 900, 1500, and 2500);
- ASME/ANSI Std. B16.50 2013 (Wrought Copper and Copper Alloy Braze Joint Pressure Fittings);
- MSS SP-104 2012 (Wrought Copper LW Solder Joint Pressure Fittings);
- MSS SP-106 2012 (Cast Copper Alloy Flanges and Flanged Fittings Class 125, 150, 300).

#### **Product Use**

CPF are used to connect copper pipes, tubes or other CPF to one another. The methods of joining CPF include soldering, silver brazing and epoxy or similar gluing techniques. The connection is made by fitting two pieces together and heating the ends of the tubing and fittings, filling the gap between the two with melted solder or brazing material that solidifies while cooling, resulting in a strong leak-proof intermetallic connection. The fittings can also be used to connect copper tubing to other metal systems by use of threaded fittings. Finally, the connection can also be made using epoxy or similar gluing methods.

CPF that are commonly referred to as "pressure pipe fittings" may be used to convey liquids (e.g. potable water), gases and air under pressure in residential, industrial, commercial and institutional buildings.

CPF that are commonly referred to as "drainage, waste and vent fittings (DWV)" are used primarily to convey waste from buildings to sewers and for venting purposes under low-pressure conditions.

In addition, CPF are also used in a variety of air conditioning and refrigeration ("ACR") applications. CPF used in air conditioning applications are typically identified by reference to their outside diameters, whereas the same CPF used in non-ACR applications such as plumbing and heating are typically identified by reference to their inside or "nominal" diameters. Apart from the reference to diameter, a particular copper fitting for an ACR application is the same as a copper fitting for a non-air conditioning application. It is common practice to label copper fittings by reference to both their inside (nominal) and outside diameters.

#### **CLASSIFICATION OF IMPORTS**

Subject goods are normally imported under the following classification numbers:

7412.10.00.11	7412.20.00.11	7412.20.00.90
7412.10.00.19	7412.20.00.12	
7412.10.00.90	7412.20.00.19	

The listing of HS classification numbers is for convenience of reference only. The HS classification numbers include non-subject goods. Also, subject goods may fall under HS classification numbers that are not listed. Refer to the product definition for authoritative details regarding the subject goods.

#### **PART B – INSTRUCTIONS**

### Purpose of the Request for Information

- **B.1.** This Request for Information (RFI) specifies the information and documents required concerning:
  - A. Subsidies as defined in Canada's Special Import Measures Act (SIMA) and the Agreement on Subsidies and Countervailing Measures being a part of the Agreement Establishing the World Trade Organization (WTO Agreement), which are deemed to exist because of a financial contribution (as defined in Part C) or any form of income or price support within the meaning of Article XVI of the GATT 1994 (being part of Annex 1A to the WTO Agreement (ATTACHMENT A of this RFI)), by the Government of Vietnam<sup>1</sup>, that confers a benefit to persons engaged in the production, manufacture, growth, processing, purchase, distribution, transportation, sale, export or import of subject goods (briefly, the productions or sales of subject goods), but does not include the amount of any duty or internal tax imposed by the government of the country of origin or country of export on:
    - (i) goods that, because of their exportation from the country of export or country of origin, have been exempted or have been or will be relieved by means of remission, refund or drawback,
    - (ii) energy, fuel, oil and catalysts that are used or consumed in the production of exported goods and that have been exempted or have been or will be relieved by means of remission, refund or drawback, or
    - (iii) goods incorporated into exported goods and that have been exempted or have been or will be relieved by means of remission, refund or drawback.

#### AND

- B. The countervailability of any such subsidy (i.e. whether the subsidy is specific and actionable) within the meaning of SIMA.
- Note that additional questions may be asked in the form of a Supplemental Request for Information at a later date concerning other possible subsidy programs that may be uncovered during the course of this investigation.

<sup>&</sup>lt;sup>1</sup> Refer to the definition of Government of Vietnam found in Part C – Glossary. This definition applies for all references to the term GOV used in this document.

- B.2. The Canada Border Services Agency ("CBSA") will be assessing to what extent the subject goods exported to/imported into Canada during the POI have been subsidized by the countervailable subsidy programs. However, in certain instances, information and documentation may be requested for the period outside of the POI in order to determine any amount of subsidy that may be applicable to the subject goods. For example, benefits from certain types of subsidies are allocated over time corresponding to the average useful life of an asset and thus subsidies received in number of years preceding the POI would require review.
- **B.3.** An exporter subsidy RFI has been sent directly to all exporters identified to date by the CBSA. Where adequate responses are not received by the CBSA, the CBSA will base its decision on the facts available.
- **B.4.** Please note that information is requested for all programs, regardless of the dates of implementation, to assess if a benefit has been conferred upon companies in Vietnam that have produced or sold subject goods during the POI.

#### CONFIDENTIAL AND NON-CONFIDENTIAL INFORMATION

**B.5.** Part F of the RFI describes the treatment of confidential and non-confidential information submitted to the CBSA in connection with proceedings under SIMA.

#### NUMBER OF COPIES REQUIRED AND FORMAT OF INFORMATION SUBMITTED

- B.6. Your response to the RFI should be provided in electronic documents on CDs or DVDs. Provide the confidential information and the non-confidential edited version or summary on separate CDs or DVDs, labelled as follows: CONFIDENTIAL or NON-CONFIDENTIAL, "Government response", date and "CPF2 2017 IN". Where multiple discs are provided, please also indicate the material contained on the disc and its order in the disc sequence (i.e. Parts A and B, disc 1 of 3). A submission without a non-confidential version is an incomplete response. In addition, a complete copy of your submission must be maintained at your premises should an on-site verification of your submission be conducted.
- **B.7.** Use the YYYY-MM-DD format for all dates. For example, write June 18, 2016 as 2016-06-18.
- **B.8.** Narrative or text responses must be provided in Microsoft Word Version 2010 or in compatible word processing software. Spreadsheets or data responses must be provided in Microsoft Excel Version 2010 or in compatible data processing software.
- **B.9.** Your response must state each numbered question followed by a complete response. If a question does not apply to you or requests information in a format that is different than that in which it is maintained, an explanation as to why the

- question does not apply or how the information was adjusted to respond to the question is required.
- **B.10.** Your response must be in either English or French. Any source material that you provide must be in the document's original language and must be accompanied by a translation in either English or French. Failure to comply with this instruction may preclude the CBSA from considering your information.
- **B.11.** Submissions in electronic documents must be numbered consecutively by page from start to finish, including appendices and attachments.
- **B.12.** Replies to questions should be as specific as possible and clearly reflect the situation. It is essential to submit a complete and detailed response to each question. Where a question does not apply, an appropriate explanation should be given as to why it does not apply. Consequently, in many instances, "Not Applicable" or an answer that only refers to an exhibit or an attachment will not provide the CBSA with a clear explanation of the existing situation and will be considered an incomplete response
  - Note that answers such as: "Not Applicable" or an answer that only refers to an exhibit, an attachment, or previous submission is not acceptable. Your response to any question should be complete on its own. Any supporting cross-references to exhibits, attachments or previous submission must be specific in nature, citing the name of the document, where it can be found, the page number and paragraph or section reference.

#### **DUE DATE FOR RESPONSE**

**B.13.** The due date for the receipt of your response at our offices in Ottawa, Ontario, Canada is **December 4, 2017**. Responses received after the due date may not be considered for the purposes of the investigation. If you do not fully respond to this RFI, amounts of subsidy/countervailing duty assessed on subject goods will be based on the facts available to the CBSA.

#### **VERIFICATION MEETINGS**

- **B.14.** A complete response, including all of the documentation requested, must be submitted to the CBSA before a verification meeting will be considered.
- **B.15.** It is common practice for CBSA officers to visit government officials, exporters and manufacturer(s) of the subject goods in order to verify the information submitted. You will be contacted in advance of such a meeting to make arrangements as to the time and place of the verification meeting.
- **B.16.** In the event of a verification visit, a complete copy of your response, including copies of all documentation requested must be made available for the use of the CBSA officers participating in the verification meetings.

- **B.17.** If the verification meeting is delayed or cancelled due to the unavailability of government officials to meet with CBSA officers, countervailing duty assessed on subject goods may be based on the facts available to the CBSA.
- B.18. The purpose of the verification meeting is to verify information already provided to the CBSA in your submission prior to the meeting or to obtain further details.
  It is not intended to be a second opportunity to provide new or additional information. Accordingly, the original response should be complete and accurate.
- **B.19.** During any verification meeting with the CBSA, each government official who prepared any part of the response and who has knowledge of the source documentation and the information contained therein must be available to meet with CBSA officers and to provide additional clarification and explanation, as required.
- **B.20**. To satisfy itself as to the integrity, completeness and accuracy of the information supplied, the CBSA may examine information in respect of other companies not listed in ATTACHMENT C. For example, the CBSA may require information on companies or industries not covered by this investigation in order to determine whether a particular subsidy is specific in accordance with Article 2 of the WTO Agreement on Subsidies and Countervailing Measures.
- **B.21.** During the verification meeting, your office should be in a position to promptly retrieve requested documents and to provide photocopies of such documents when requested by the CBSA officers. During the meeting, you will also be required to provide a non-confidential version of each document requested by CBSA officers. CBSA officers will require two copies of each document (plus one copy of the non-confidential version) requested during the verification meeting.

#### **SOURCE DOCUMENTS**

**B.22.** Source documents should be kept easily accessible at your offices for possible review during the verification meeting.

#### **FAILURE TO COOPERATE**

B.23. Failure to submit all required information and documentation, including non-confidential versions, failure to comply with all instructions contained in this RFI, failure to permit verification of any information, failure to provide reliable/accurate information, or failure to provide documentation requested during the verification visits may result in the assessment of amount of subsidy/countervailing duties on subject goods based on the facts available to the CBSA.

#### RESULTS OF INVESTIGATION & DISCLOSURE MEETINGS

**B.24.** The results of the investigation, including the methodologies for determining the amount of subsidy, will be made available to you upon completion of the investigation. Should you wish to discuss the results of the investigation and the decisions taken, CBSA officers will be available to meet with you or your representatives in Ottawa, Ontario, Canada.

#### ESTABLISHING CONTACT WITH THE CBSA

**B.25.** You are requested to contact a CBSA officer indicated on the covering page of this RFI within a week following the receipt of this request, by telephone, by fax or via e-mail, to indicate whether you will be responding to the RFI and if so, your government's contact person. If applicable, indicate the name, telephone number, and e-mail address of the counsel that will be representing your government during this investigation. At the same time, you are encouraged to raise any questions you may have and seek any explanations necessary to assist you in completing your submission.

#### **COUNSEL**

**B.26.** If you have retained counsel to represent you in this matter before the CBSA, a letter of authorization must be provided. When such letter of authorization is provided, the CBSA will, upon request, undertake to provide copies of all outgoing correspondence with the Government of Vietnam to designated counsel. Furthermore, if it is your wish that confidential materials relating to the Government of Vietnam be released to or discussed with your counsel, the letter should specifically authorize the CBSA to do so. In such circumstances, the letter of authorization will serve as the CBSA's authority to release confidential materials to your counsel such as calculation spreadsheets, or to discuss the particulars of your file. Please note that the CBSA is not in a position to either discuss the particulars of your file or to provide copies of any materials contained in the file to the designated counsel unless the letter of authorization has been provided.

#### PART C – GLOSSARY

### ASSOCIATED PERSONS AND/OR COMPANIES

"Associated persons" are defined as follows:

- persons related to each other; or
- persons not related to each other, but not dealing with each other at arm's length.

#### Persons are related to each other if

- they are individuals connected by blood relationship, marriage or adoption
- one is an officer or director of the other;
- each such person is an officer or director of the same two corporations, associations, partnerships or other organizations;
- they are partners;
- one is the employer of the other;
- they directly or indirectly control or are controlled by the same person;
- one directly or indirectly controls or is controlled by the other;
- any other person directly or indirectly owns, holds or controls five per cent or more of the outstanding voting stock or shares of each such person; or
- one directly or indirectly owns, holds or controls five per cent or more of the outstanding voting stock or shares of the other.

The term "person" includes a partnership, corporation or an association.

#### **ENTERPRISE**

"Enterprise" includes a group of enterprises, an industry and a group of industries.

#### FINANCIAL ASSISTANCE

"Financial assistance" includes a quantifiable benefit.

#### **FINANCIAL CONTRIBUTION**

There is a "financial contribution" by a government where:

- (a) practices of the government involve the direct transfer of funds or liabilities or the contingent transfer of funds or liabilities;
- (b) amounts that would otherwise be owing and due to the government are exempted or deducted or amounts that are owing and due to the government are forgiven or not collected;
- (c) the government provides goods or services, other than general governmental infrastructure, or purchases goods; or
- (d) the government permits or directs a non-governmental body to do anything referred to in any of paragraphs (a) to (c) where the right or obligation to do the thing is normally vested in the government and the manner in which the non-governmental body does the thing does not differ in a meaningful way from the manner in which the government would do it.

## FOREIGN INVESTED ENTERPRISE (FIE)

An FIE can take one of three forms:

- 1. Vietnamese-foreign equity joint venture:
  - Joint venture between a Vietnamese company, enterprise, or other business organization and a foreign company, enterprise, business organization or individual set up in the form of a Vietnamese limited liability company.
  - The characteristics of a Vietnamese-foreign equity joint venture are joint investment, joint operation, and the participants share profits, risks and losses in proportion to their respective contributions to the registered capital of the joint venture.
  - The proportion of the investment by the foreign party is no less than 25% in the registered capital of equity joint venture.
- 2. Vietnamese-foreign contractual joint venture:
  - A joint venture established between foreign enterprises and other economic organizations or individuals, and Vietnamese enterprises or other economic organizations within the territory of Vietnam. The rights and

obligations of each party are determined in accordance with the agreement specified in the contractual joint venture contract. The investment or conditions for cooperation contributed by the Vietnamese and foreign parties may be provided in cash or in kind, or may include the right to the use of land, industrial property rights, non-patent technology or other property rights.

#### 3. Wholly foreign owned enterprises:

 A wholly foreign owned enterprise is established by foreign enterprises and other economic organizations or by individuals pursuant to the Vietnamese laws within the territory of Vietnam. All of the wholly foreign owned enterprise's capital is invested by foreign investors. It can also be referred to as a Foreign Enterprise (FE).

## GOVERNMENT OF VIETNAM (GOV)

For the purposes of this investigation, "Government of Vietnam" or "GOV" refers to all levels of government, i.e. federal, central, provincial/state, regional, city, municipal, township, village, local, legislative, administrative or judicial, singular, collective, elected or appointed. It also includes any person, agency, stateowned enterprise, or institution acting for, on behalf of, or under the authority of any law passed by, the federal/central government or any provincial, state, municipal or other local or regional government.

## PERIOD OF 'INVESTIGATION (POI)

The POI represents the time frame selected at the time of initiation to delineate the importations into Canada for which information is required and that will be investigated. The POI for this investigation is listed on the cover page of this RFI.

## SPECIAL ECONOMIC ZONE (SEZ)

Refers to cas special Feonomic Atea, Feonomic and Technical Development Zone, Bonded Zone, Export Processing Zone, Highli Fehnology Industrial Development Zone, or any other designated has earliest site on the Covernment of Westnam (findleding central provincial p

## STATE-OWNED ENTERPRISE

"State-Owned Enterprise" means any company or enterprise that is wholly or partially owned by the Government of Vietnam (as defined above). This can include companies operating in a partnership or joint-venture capacity with the Government of Vietnam or whose shares are publicly traded and wholly or partially owned by the Government of Vietnam.

In order to be capable of granting a countervailable subsidy, an SOE must possess, exercise or be vested with government authority.

For further clarity, this definition also applies to state-owned or state-controlled commercial banks or financial institutions.

#### SUBSIDY

A financial contribution or any form of income or price support within the meaning of Article XVI of the GATT 1994, being part of Annex 1A to the WTO Agreement (ATTACHMENT A of this RFI), by a government of a country that confers a benefit to persons engaged in the production, manufacture, growth, processing, purchase, distribution, transportation, sale, export or import of subject goods but, does not include the amount of any duty or internal tax imposed by the government of the country of origin or country of export on:

- (i) goods that, because of their exportation from the country of export or country of origin, have been exempted or have been or will be relieved by means of remission, refund or drawback,
- (ii) energy, fuel, oil and catalysts that are used or consumed in the production of exported goods and that have been exempted or have been or will be relieved by means of remission, refund or drawback, or
- (iii) goods incorporated into exported goods and that have been exempted or have been or will be relieved by means of remission, refund or drawback.

### PART D - GENERAL INFORMATION REQUESTED

### Please provide written responses for all questions in this Part.

- **D.1.** Please provide the name of the person who will be responsible for providing the response to this Request for Information ("RFI"), along with title, address, telephone number, fax number and e-mail address. This person will be our contact for any further inquiries concerning the response and for arranging any verification visit by CBSA officers that may be planned.
- D.2. Explain, in detail, the structure of the copper sector, which includes copper pipe fittings in your country, particularly with respect to the productions and sales of copper pipe fittings. Your response should cover the government departments, agencies or offices, trade associations or chambers of commerce responsible for and/or supervising this industrial sector, the functions undertaken by them, government input into establishing and enforcing qualitative standards and the decision making process respecting the manufacture, marketing and sales of copper pipe fittings, including any restrictions, quotas, limits for the production volume and any state set or administrative guidance selling prices for export and domestic sales of copper pipe fittings.
- **D.3.** Identify and provide an explanation of the specific roles and responsibilities of government departments, agencies or institutions, which are/were directly or indirectly involved in economic policy development, economic regulation and decision-making activities with respect to the copper sector.
- **D.4.** Please provide the following statistical information as maintained by an official government entity for the POI, in domestic currency and Canadian dollars, and indicate the source:
  - (a) Total volume and value of exports of subject goods to Canada during the POI. Please specify if the value is based on ex-factory, F.O.B. (port, shipping point, etc.), C.I.F., or some other value; and
  - (b) Total volume and value of exports of subject goods to Canada during the POI, by company. Please specify if the value is based on ex-factory, F.O.B. (port, shipping point, etc.), C.I.F., or some other value.
- D.5. For your information, a listing of known and potential exporters and producers are included in ATTACHMENT C of this RFI. In response to this question, please provide the names, address including the city (town), province and postal code, telephone number, fax number and e-mail address of any other company not listed in ATTACHMENT C, which have produced and/or exported subject goods to Canada during the POI.

- Please note that if any of the companies whom you identify as having exported to Canada during the POI is an exporter only, and does not produce the subject goods, complete responses to the RFIs must be submitted by all producers that supply the exporters subject to this investigation. Likewise, if any of the companies you identify sells the subject goods to an export trading company that subsequently exports the subject goods to Canada, complete responses to the RFIs must be submitted by all such trading companies.
- > In responding to the questions in the remainder of this RFI, references to "all companies listed in ATTACHMENT C" should be considered to include all companies further identified by the Government of Vietnam ("GOV"), in addition to those identified by the CBSA.
- **D.6.** Please identify all companies listed in **ATTACHMENT C** (including those companies further identified by the GOV in response to D.5) that have been or are wholly or partially owned by the GOV.
- **D.7.** For each company identified in response to D.6 please describe the percentage of ownership interest, and indicate whether this ownership existed during the POI.
- **D.8.** Please identify all producers and vendors that were partially or wholly owned by the GOV and supplied raw materials (such as copper cathode, copper tube, etc.) to any of companies listed in **ATTACHMENT C** during the POI for the production of copper pipe fittings.
- **D.9.** For each company identified in response to D.8., please describe the percentage of ownership interest during the POI and indicate whether this ownership exists/existed after the POI.
- **D.10.** For each of those companies identified in your response to D.6 and D.8, please provide the following information for the POI:
  - (a) How was the company incorporated? (e.g. under general corporation law or through a special statutory enactment)
  - (b) What was the share structure of the company (e.g. were there various or special classes of shares), how many shares were outstanding, what were the rights and/or restrictions associated with each class of shares and what percentage of each class of shares was held by the GOV?
  - (c) The decision-making and reporting hierarchy of the company and who directed, managed and controlled the operations of the entity. If the company had a holding Company, please identify the members of the holding company, the shareholding interests they represented and their responsibilities.

- (d) Who selected and/or approved the members of the Board of Directors?
- (e) Describe the roles and responsibilities of the Board of Directors.
- (f) Who selected and/or approved the members of the Board of Shareholders?
- (g) Describe the roles and responsibilities of the Board of Shareholders.
- (h) How were the operations of the company funded?
- (i) How were the persons occupying the senior managerial positions selected and/or approved?
- (j) How was the performance of the company measured? For example, profitability, employment, output, social wellbeing, etc.
- (k) How were profits of the company distributed and to whom?
- (1) Provide the details regarding if the company once possessed, exercised or once were vested with government authority, which may be indicated by any of the following factors:
  - Where a statute or legal instrument expressly vests/vested government authority in the entity concerned;
  - Evidence that an entity is/was, in fact, exercising governmental functions; and
  - Evidence that a government exercises/exercised meaningful control over an entity.
- (m) For each identified SOE, please provide the relevant statute, law, regulation, direction, letter of incorporation or other legal instrument that vested this authority.
- **D.11.** Concerning the GOV's role with respect to SOEs, explain whether there are/were GOV laws, guidelines, decrees, rules, promulgations, edicts, opinions, measures, regulations, directives or plans. Please provide a fully translated copy of these documents along with the original Vietnamese version.
- **D.12.** With respect to each of state-owned enterprises identified in your response to D.6 and D.8.:
  - (a) Explain the requirements in law, and in practice, to have government representation at any level of the company.
  - (b) Explain the role of GOV. For example, explain their role on the Board of Directors, Board of Shareholders.
  - (c) Explain the process of how these representatives were selected.

- (d) What were the areas of responsibility of GOV representatives in the state-owned enterprise?
- (e) Explain the GOV representatives' involvement in the decision-making processes or operational decisions of the state-owned enterprise.
- (f) Explain any government functions the SOE performed including but not limited to, setting prices for raw materials inputs or production output quantities. For example, did the SOE publish prices the rest of the industry followed?
- **D.13.** Explain how GOV laws, policies, opinions, guidelines, etc. are/were communicated to the SOEs.
- **D.14.** Explain whether or not the GOV has established a central, provincial, regional or local commission/authority/body that performs investor's responsibilities, supervises and manages the state-owned assets of the enterprises under the supervision of the GOV.
- **D.15.** Provide a complete list of all enterprises under the administration of the commission/authority/body of the GOV during the POI. Indicate which companies on the list were involved in supplying raw materials (such as copper cathode, copper tube, etc.) to companies listed in **ATTACHMENT C** during the POI for the productions of the copper pipe fittings.
- **D.16.** For each province or autonomous region where there was a producer or a vendor that supplied raw materials (such as copper cathode, copper tube, etc.) to one of the companies listed in **ATTACHMENT C** during the POI for the productions of the copper pipe fittings, please provide a complete list of all enterprises under the administration of the provincial, regional or local commission/authority/body during the POI.
- **D.17.** Explain the roles, activities and responsibilities of the commission/authority/body directors of the board of the enterprise and senior managers in a state-owned enterprise. Please explain to whom the commission/authority/body directors and senior management are/were ultimately responsible.
- **D.18.** Provide copies of all income tax forms for the tax year 2015, 2016 and 2017 for each type of enterprises that must file income tax returns/forms in Vietnam. This should also include any instructions for the completion of the forms, any supporting schedules and any bulletins or notices relating to the completion of the income tax forms.
- **D.19.** Please describe and provide supporting documentation for the arrangements and agreements that existed during the POI between the Vietnamese Central Government and the provinces/municipalities/local regions where the companies listed in **ATTACHMENT C** were located, respecting the collection and disbursement of income tax and other taxes/fees during the POI.

- **D.20.** Please provide an overview of Vietnam's banking system. List and describe any banks in Vietnam that are owned by the GOV. Please describe the degree of government involvement in the day-to-day running of these banks? How are interest rates set?
- **D.21.** Identify all loans extended to companies listed in ATTACHMENT C that were funded, directly or indirectly, or guaranteed by the GOV during the past 10 years. Please also identify all loans that have been extended to companies listed in ATTACHMENT C that have been forgiven either partially or totally by the GOV in the past 10 years.
- **D.22.** Please provide the benchmark interest rates for commercial loans, issued by the State Bank of Vietnam for the period from year 2006 to year 2016, and up to August 31, 2017, along with a full English translation.
- **D.23.** For the land used for industrial purposes, please provide the minimum land use right transfer prices and effective during the POI, along with a full English translation.
- **D.24.** For each province or autonomous region where the companies listed in ATTACHMENT C were located during the POI, please provide the regulated electricity selling prices to industrial consumers, issued by the GOV and effective during the POI, along with a full English translation.
- **D.25.** For each province or autonomous region where the companies listed in ATTACHMENT C were located during the POI, please provide the regulated water selling prices to industrial consumers, issued by the Government of and effective during the POI, along with a full English translation.
- **D.26.** The following questions relate to Vietnamese exchanges or trading markets where the input products used for the production of copper pipe fittings were/are traded:
  - (a) List the names and addresses of Vietnamese domestic exchanges or trading markets where the input products used for the production of copper pipe fittings were/are traded.
  - (b) Please explain in detail, the GOV's oversight of these markets, including an explanation of the role and functions of the government body that is/was responsible for establishing market regulations.
  - (c) For the POI, please provide a list of average trading prices and exchanged quantities for the input products used for the production of copper pipe fittings, on a monthly basis and on a product type (copper cathode, copper billets, copper tube, etc.)

- **D.31.** Please provide clear explanations for the following Special Economic Zone ("SEZ") approved by the GOV:
  - Export Processing Zone;
  - Industrial Zones;
  - Economic Zones:
  - High-Tech Zones; and
  - Other Designated Areas.
- **D.32.** For each of the types of SEZ listed in D.31, please provide the following related documents or regulations issued by the corresponding administration department(s) or agency(ies) at the central Government level and effective during the POI, along with the full English translation:
  - Regarding the purpose of establishing the SEZ;
  - Regarding the process of establishing the SEZ;
  - Regarding the characteristics of the SEZ;
  - Regarding the preferential policies for the enterprises located in the SEZ, compared with the enterprises located outside of the SEZ;
  - Other available documents to assist CBSA to have a better understanding for the SEZ in Vietnam.

Also, please provide one complete list of all currently existing SEZ in Vietnam, along with a full English translation.

- D.33. Please provide the documents or regulations issued by General Department of Customs of the Socialist Republic of Vietnam or the General Department of Taxation of the People's Republic of Vietnam and effective during the POI, which specify the VAT (Value Added Tax) obligation and import/export duty obligations for enterprises located in an SEZ, along with a full English translation.
- **D.34.** Please provide the documents or regulations issued by General Department of Customs of the Socialist Republic of Vietnam or the General Department of Taxation of the People's Republic of Vietnam and effective during the POI, which specify the refund/exemption of taxes or fees for enterprises located in an SEZ, along with a full English translation.
- **D.35.** For companies listed in ATTACHMENT C, please identify which of them operated in the SEZ or had the production facilities in the SEZ during the POI. Please also specify the name and location of SEZ for each of those companies.

- **D.36.** For each SEZ where there was a producer or an exporter of subject goods, please provide the following documents and regulations issued by local administration authorities and effective during the POI, along with the full English translation:
  - Regarding the purpose of establishing the SEZ;
  - Regarding the process of establishing the SEZ;
  - Regarding the characteristics of the SEZ;
  - Regarding the preferential policies for the enterprises located in the SEZ, compared with the enterprises located outside of the SEZ;
  - Other available documents to assist CBSA to have a better understanding the SEZ in Vietnam.
- **D.37.** For those raw materials suppliers and producers that provided the subsidized raw materials to any of the companies listed in **ATTACHMENT C** during the POI for the production of copper pipe fittings, please provide the following detailed information:
  - The name, address, telephone number, email address and contacting person for each of these raw materials suppliers and producers;
  - Each subsidy payment made to each of these raw materials suppliers and producers during the POI, including the amount of subsidy, the payment date, the reason for providing subsidy/receiving subsidy, the granting department/agency/organization, etc;
  - Each subsidy payment made to each of these raw materials suppliers and producers out of POI but eventually benefiting the productions or sales of their supplied/produced raw materials during the POI, including the amount of subsidy, the payment date, the reason for providing subsidy/receiving subsidy, the granting department/agency/organization, etc;
  - All the government regulations and publication related to providing subsidies to those raw materials suppliers and producers.
- **D.38.** Please provide a copy of the most recent 5-Year Plan issued/approved by the GOV or any public body or any industry association for Vietnamese copper sector, along with a full English translation.

#### PART E – SUBSIDY PROGRAMS INVESTIGATED

## INFORMATION REQUESTED ON ALLEGED SUBSIDY PROGRAMS UNDER INVESTIGATION

- > For each program listed in this Part and any other additional programs identified by the Government of Vietnam ("GOV"), you are required to answer all the Standard Questions immediately following the program listing below.
- > Please read carefully the requirements for responding to questions relating to each program. Failure to comply with the requirements may preclude the CBSA from considering your response to the RFI to be complete.
- > Information is required to be provided for all programs regardless of the year the benefits were granted by the GOV or received by any of the companies listed in ATTACHMENT C, as well as those further identified by the GOV, where the program benefits impact on the production and sales of subject goods during the POI.
- > For purposes of this RFI, the term "program" may also refer to informal subsidies provided by the GOV, and can also refer to multiple individual, albeit similar, subsidies. It does not necessarily refer to formal programs maintained by the GOV, nor should it be taken to refer to one specific subsidy.

You are requested to answer all of the Standard Questions for each program listed in this Part. Where none of the companies listed in ATTACHMENT C (including those further identified by the GOV) or any of their associated companies as defined in Part C, at any time applied for, used, or benefited from the specific program in question where benefits accrued to the company during the POI, you should indicate that none of the companies listed in ATTACHMENT C has received any benefits under the program. However, should you indicate that none of the companies listed in ATTACHMENT C has received any benefits under the program; you are still requested to answer all of the questions in Standard Questions for that program.

For any program that has multiple funding sources or is administered by different governmental levels, please provide information as to the roles of each administrating authority (e.g., organization, source of funding, administration, approving authority). If a question requires information from other authorities, e.g., state or provincial governments, please forward questions to the correct source. However, it is the responsibility of the GOV to ensure that full and complete responses to questions on programs administered by all levels of government are obtained from the appropriate governmental authorities.

## The following are programs that the CBSA will be examining during the course of this Investigation:

Program 1 Program 2	Land-Use Levy Exemption/Reduction Land Rent Exemption/Reduction
Program 3	Tax Exemptions and Reductions for Encouraged Sectors
Program 4	Enterprise Income Tax Exemption/Reduction for Business Expansion and
110grum 4	Intensive Investment Projects
Program 5	Exemption of Import Tax on Equipment and Machinery Imported to Create
1108141110	Fixed Assets
Program 6	Tax Preferences for Investors Producing and/or Dealing in Export Goods
Program 7	Export Support Loans at Preferential Rates
Program 8	Tax Preferences for Encouraged Industries
Program 9	Tax Exemptions and Reductions for Investment in Disadvantaged Regions
Program 10	Establishments Dealing with Exporter Goods
Program 11	Preferential Income Tax Rates for Enterprises within Economic Zones or
_	Industrial Parks
Program 12	Tax Exemptions and Reductions for Foreign-Invested Enterprises
Program 13	Excessive Duty Exemptions for Imported Raw Materials for Exported Goods
Program 14	Import Duty Exemption on Equipment and Machinery Imported to Create
	Fixed Assets
Program 15	Preferential Lending under the Viet Bank Export Loan Program
Program 16	Grants to Firms that Employ More than 50 Employees
Program 17	Assistance to Enterprises Facing Difficulties due to Objective Reasons
Program 18	Accelerated Depreciation of Fixed Assets
Program 19	Program Incentives on Non-agricultural land use tax

#### Any Other Program not previously addressed

There may be other assistance programs administered directly or indirectly by the GOV resulting in benefits granted and/or received by the companies listed in ATTACHMENT C.

Such assistance programs are those that constitute a subsidy as defined in Paragraph 1 of Part B, consisting of:

- i) any financial contribution as defined in Part C, or
- ii) any form of income or price support within the meaning of Article XVI of the GATT 1994, as described in ATTACHMENT A

that confers a benefit to persons engaged in the production, manufacture, growth, processing, purchase, distribution, transportation, sale, export or import of the subject goods.

For greater clarity, this includes any subsidy which is contingent, whether solely or as one of several other conditions, upon export performance, including those illustrated in Annex I (copy attached as ATTACHMENT B) of the Agreement on Subsidies and Countervailing Measures. This also includes any subsidy program which is contingent, whether solely or as one of several other

conditions, upon the use of domestic over imported goods (i.e. Where the GOV provides financial assistance to exporters of the subject goods for purposes of reducing their cost of domestically sourced inputs, tools, machinery and so forth with the result that the said goods are purchased from domestic producers rather than from other countries).

If the GOV, any of its agencies or any other authorized non-governmental body provided any other assistance programs not previously identified or addressed, to any of the companies listed in ATTACHMENT C, as well as those further identified by the GOV, please identify the programs and for each program, answer all of the Standard Questions below.

### **Standard Questions**

#### These questions must be answered for each program identified in Part E

In responding to the following questions, you are required to provide information on each program, regardless of the year the benefit was granted by the GOV or the year that the benefit was received by any of the companies listed in ATTACHMENT C, as well as those further identified by the GOV, where the program benefits affect the production and sale of the subject goods during the POI.

- **SQ.1.** Provide details of the program including:
  - (a) The title of the program.
  - (b) Policy objective and/or purpose of the subsidy.
  - (c) Legislation under which the subsidy is granted.
  - (d) Nature or form of the subsidy.
  - (e) The date the program was established.
  - (f) Duration of the subsidy program.
  - (g) A description of the administration and operation of the program.
  - (h) The party to whom and the manner in which the subsidy is provided.
  - (i) The eligibility criteria in order to receive benefits under the program.
- **SQ.2.** Provide copies of the decrees, laws and regulations relating to this program and any reports pertaining to the program published during or since the POI. Specify the sections that govern the program.
- **SQ.3.** Provide copies of all legislative, regulatory, administrative and public documents relating to this program.
- SQ.4. Identify the GOV's department or agency funding and/or administering the program. Provide its office address, including the city (town), province and postal code and the name of the responsible official, position, telephone and fax number and e-mail address. For any program that had multiple departments or agencies involved with the program, please list all of the involved government departments and agencies, and provide their respective roles with the program (e.g. organization, administration, funding, approval).
- **SQ.5.** Indicate which of the companies listed in **ATTACHMENT C**, as well as those further identified by the GOV, applied for, accrued, or received benefits under the program during the POI.
- **SQ.6.** For each company identified in response to SQ.5, provide on an annual basis, the amount(s) and/or nature of the benefit or concession granted (monetary and/or non-monetary) under the program.
- **SQ.7.** Answer the following questions regarding the application process:

- (a) Describe the application process (including any application fees charged by the government agency or authority) for the program and provide a blank copy of the application form (translated, if necessary).
- (b) After an application is submitted, please describe the procedures by which an application is analyzed and eventually approved or disapproved.
- (c) If the application is approved, please provide the approval documents together with any conditions or criteria subject to which the approval is made.
- (d) If the application is disapproved, please provide the disapproval documents together with the reasons for disapproval.
- **SQ.8.** Answer the following questions regarding eligibility for and actual use of the benefits provided under this program.
  - (a) Is eligibility for, or actual use of this program contingent, whether solely or as one of several other conditions, upon export performance? If so, please describe.
  - (b) Is eligibility for this program contingent, whether solely or as one of several other conditions, upon the use of domestic over imported goods? If so, please describe.
  - (c) Is eligibility for the subsidy limited to enterprises or industries located within designated regions? If so, please specify the enterprises or industries and the designated regions.
  - (d) Is eligibility limited, by law, to any enterprise or group of enterprises, or to any industry or group of industries? If so, please describe and specify the eligible enterprises or industries.
- **SQ.9.** Respond to the following questions regarding the criteria governing the eligibility for and receipt of any benefit under this program.
  - (a) Describe the criteria governing the size of the benefit provided.
  - (b) Provide a copy of any law, regulation or other official document detailing these criteria.
  - (c) If the eligibility criteria as listed in the applicable law, regulation or other official documents are met, will the applicant always receive a benefit or is final approval contingent upon the government agency or authority that administers the program?
  - (d) Is the amount of the benefit provided exclusively determined by established criteria found in the law, regulation or other official document or does the government agency or authority that administers the program determine the benefit amount?

- (e) Provide any contractual agreements between the GOV and the companies that are receiving the benefits under the program (e.g., loan contracts, grant contracts, etc.).
- **SQ.10.** Provide a list by industry and by region of the companies that have received benefits under this program in the years 2015 and 2016 and 2017 (up to August 31).
- **SQ.11.** Provide the total amounts of benefits received by each type of industry in each region in the years 2015 and 2016 and 2017 (up to August 31).
- **SQ.12.** How many companies have applied for benefits under this program in the years 2015 and 2016 and of 2017 (up to August 31)?
- **SQ.13.** How many applicants have received financial assistance/benefit and how many applicants have been rejected in the years 2015 and 2016 and 2017 (up to August 31)? Please provide the main reasons why applicants have been rejected.
- SQ.14. Describe any anticipated changes in the program. Provide documentation substantiating your answer. If the program has been terminated, state the last date that a company could apply for or claim benefits under the program. When is the last date that a company could receive benefits under the program? Also indicate whether the program has been replaced and, if so, ensure that all Standard Questions have been responded to vis-à-vis the new program.

## **Program-Specific Questions**

# IN ADDITION TO THE STANDARD QUESTIONS ABOVE, PLEASE ANSWER THE FOLLOWING FOR EACH PROGRAM IDENTIFIED IN PART E. II. RESPECTING PREFERENTIAL LOANS AND LOAN GUARANTEES

If any of the companies listed in ATTACHMENT C applied for or received loan directly/indirectly from the Government of Vietnam/public bodies, or applied for or received loan with loan guarantee from the Government of Vietnam/public bodies, where the repayment terms of the loan encompassed the POI or where the benefits from the loan impacted on the productions or sales of the subject goods during the POI, please identify those companies and answer the following questions.

For each company identified, please provide the terms and conditions of the loan, including the date and amount of any principal, the applicable interest rate and compounding rate and the term of the loan (in months).

- **LB.1.** Please specify the charges such as commitment fees, compensating balances, taxes, etc., that were incurred by the recipient in obtaining the loan.
- **LB.2.** For each company identified, please provide the amount of interest paid or payable on a monthly basis during the POI.
- LB.3. Please provide on a monthly basis, the prevailing interest rate in Vietnam that was applicable to comparable commercial loans made on the same date, in the same or approximately same amounts, in the same currency and on the same credit terms as the loans obtained directly/indirectly from the GOV/public bodies or the loans obtained with the loan guarantees from the GOV/public bodies.
- **LB.4.** Please also specify the charges such as application costs, taxes, etc., that would have been incurred by the recipient in obtaining a commercial loan as specified in LB.4.
- LB.5. In all cases, state whether the applicable interest rate is/was for loans provided by publicly owned or controlled institutions, or by privately held institutions, and whether such rate is/was subject to any government-mandated ceiling or cap.
- LB.6. For each such loan, please identify the GOV's² department or agency or financial institution administering the program and/or loan and/or loan guarantee. Provide its office address, including the city (town), province and postal code and the name of the responsible official, position, telephone and fax number and e-mail address.

<sup>&</sup>lt;sup>2</sup> Refer to the definition of the in Part C – Glossary

## PART F – TREATMENT OF CONFIDENTIAL AND NON-CONFIDENTIAL INFORMATION

Submitted to the CBSA for all Proceedings under SIMA

## Why Provide Confidential and Non-Confidential Information?

The Special Import Measures Act (SIMA) requires that confidential information submitted to the CBSA be accompanied by a non-confidential (public) version of the information. The following explains how non-confidential and confidential information will be handled and how to prepare both a confidential and non-confidential submission of your information.

#### **Treatment of Your Non-Confidential Information**

Your non-confidential information will be given to any party that asks for this information for the purposes of the proceeding.

## Treatment of Your Confidential Information

There are certain times when the CBSA will release your confidential information: first, to independent counsel for a party to the proceeding; and second, to Canadian courts, tribunals and panels.

1. Confidential information will be provided to independent counsel for a party to the proceeding. Counsel includes any *person* who represents another party in the proceeding and includes legal counsel. A party is a person, or business, that participates in and has a direct interest in the proceeding.

Counsel must ask for the confidential information in writing and must provide a written guarantee to the CBSA stating that they will:

- only use the information in relation to this proceeding;
- not give out the information;
- protect the information;
- not copy the information without the CBSA's permission;
- destroy the information when they are done;
- provide the CBSA with a written notice that the information is destroyed; and
- report any violations or possible violations to the CBSA.

The CBSA will not give your confidential information to independent counsel if the CBSA believes that it might cause harm to you or your business.

2. Confidential information will be given to the Canadian International Trade Tribunal, any Court in Canada, a Binational or World Trade Organization (WTO) Panel, to act on appeals. These organizations will use your information to fulfill their responsibilities under Canadian law, NAFTA or WTO Agreements. The confidential information is subject to the rules of procedure of the Court or Panel to which it is provided.

## **Providing Only Non-Confidential Information?**

If you decide that your reply to this RFI does not contain confidential information, every page of your reply should be marked "NON-CONFIDENTIAL". You must make a statement, in a covering letter, that you do not consider any information in your submission to be confidential.

## **Providing Confidential Information?**

If your reply to this RFI contains confidential information, this reply, along with all of the attachments and supporting documents, will be your confidential submission. You must:

- 1. Clearly indicate, by either enclosing all confidential information within square brackets or by shading all confidential information contained in this submission; and
- 2. Clearly mark "CONFIDENTIAL" on every page of the confidential submission, including all attachments.

If you have a submission with confidential information, for the CBSA to be able to use your information, you must provide a non-confidential version. It is important that your non-confidential version is complete, as it will be provided to other parties involved in this investigation if they request it.

Your non-confidential version may be in the form of:

- a non-confidential edited version; or
- a non-confidential summary version, where the edited version would not contain enough information to convey a reasonable understanding of the information submitted in the confidential version.

#### Non-confidential Edited Version

An edited version has the confidential information removed, to create a non-confidential version. You must leave enough detail to provide an understanding of the confidential information removed.

In the document called "Non-Confidential Statement", which must be attached with your non-confidential version, you must:

- A) explain briefly the nature of the confidential information removed in your nonconfidential version; and
- B) give the reasons why you request that the information be treated confidential, as explained in this part of the RFI.

In the following example, the text indicates the nature of the bracketed [confidential information] that has been deleted in the non-confidential version.

The confidential response to a request may be: The selling price of model ABC to our Canadian distributor was US\$[25.99] per unit.

The non-confidential edited version of this response may be: The selling price of model ABC to our Canadian distributor was US\$[ ] per unit. In this example, the nature of the information removed in the non-confidential version relates to "selling price information."

NOTE: the spacing between the brackets [ ] should reflect the same spacing as in the confidential version.

As a further example, the following would represent an acceptable non-confidential edited version of an export sales listing. A sample page for a multi-page listing could look like this:

1		2	3	4	5		6		7	
ΙM	IPTR	DATSHIP	INVNUM	INVDATE	Qī	JANTIT	EΣ	CTS	NE	ETSP
					Y		P			
[	]	2016/02/16	14064555	2016/02/16	[	]	[	]	[	] _
[	]	2016/03/14	14179020	2016/03/12	[	]	[	]	[	]
[	]	2016/04/14	14253018	2016/04/16	[	]	[	]	[	]
[	]	2016/05/09	14474937	2016/05/09	[	]	[	]	[	]

### NOTE:

Do not use "shading", "highlighting", "font colors" or any other type of masking to hide confidential information in the non-confidential electronic version. You must delete (remove) the confidential information in the non-confidential version.

If you use a black marker to hide confidential information on the paper version of the non-confidential version or in any attachments to the non-confidential version, please ensure that the black shading covers everything and that it is dark enough not to reveal confidential information when we will save electronically your documents in PDF format.

## **Non-Confidential Summary Version**

Where deleting information for a non-confidential edited version would not leave enough detail to provide an understanding of the confidential information removed, a non-confidential summary of the deleted information must be included, describing the confidential information that has been removed.

If you intend to provide a non-confidential summary of an appendix or attachment, the non-confidential narrative would normally be accompanied by at least one (1) sample page, with the confidential data removed, of the related appendix or attachment.

#### **Review of Non-Confidential Submission**

The non-confidential version of your submission will be reviewed by the CBSA to ensure that it is in sufficient detail to convey a reasonable understanding of the substance of the information submitted in the confidential version.

If CBSA determines that an <u>adequate</u> non-confidential edited version <u>or</u> a non-confidential summary of information designated as confidential has not been provided by the respondent, and the respondent fails to justify why it cannot be provided, does not take corrective action or does not submit a revised version, the CBSA will **NOT** use the confidential information provided by your firm in the proceedings. As a result, the CBSA's determination will be based on the best information available. It is imperative that companies delete only the minimum information necessary to protect their interests and only what is confidential.

You will find on the next page the Non-Confidential Statement that needs to be completed and attached with your non-confidential edited version or non-confidential version.

## NON-CONFIDENTIAL STATEMENT

Nature of Information Deleted in the Non-confidential Version and Reasons for Designating Information as Confidential

[Note: this document should be reproduced, completed and signed on the letterhead of your company or of your counsel.]

## Section 1 – Answers to the RFI

Reasons why you re	equest that the informati	on be tre	eated confidential	
ection 2 – Appendic	es, Attachments and Su	pporting	Documents	
Explain briefly the nature of the confidential information in Appendices, attachments and supporting documents, removed in your non-confidential version response (i.e. sales & costing data, transaction documentation, financial statements etc).				
Reasons why you re	equest that the informati	on be tre	eated confidential.	
(Print name)	_,(Print Position)	of	(Print full name of government depart	
(Print name) igned:	,(Print Position)	01	(Print full name of government departs	
•	(Print Position)	or	(Print full name of government departi	

## PART G -Request for Information Checklist

Must be submitted with your response to the RFI

Please respond to each of the following questions by placing a checkmark in the "yes" or "no" column. If a response is no, provide an explanation as to why you have not complied with the instructions.

Question 1:	Yes	No	
Did you provide a confidential and non-confidential version of your response, in accordance with the disclosure instructions in the <i>Request for Information</i> ?			If no, reason:
Question 2:	Yes	No	
Did you complete the <i>Non-Confidential</i> Statement, providing reasons for designating information as confidential?			If no, reason:
Question 3:	Yes	No	
Did you bracket or shade the confidential information in the confidential response?			If no, reason:
Question 4:	Yes	No	
Did you place empty brackets or shade areas where confidential information was omitted in the non-confidential version?			If no, reason:
Question 5:	Yes	No	
Is your response, submitted on CD or DVD, numbered consecutively from start to finish, including appendices and attachments?			If no, reason:

## PART H - CERTIFICATE OF VERACITY, ACCURACY AND COMPLETENESS

## **Government Official Certification**

[Note: this certificate should be reproduced and signed on your department's letterhead by a responsible government official who has authority to respond on behalf of your government.]

<i>I</i> ,	
(name and title)	
by	, on behalf of the Government of Vietnam,
(government department)	
	certify that
Information, concerning the subsiding or exported from the Socialist Re	a submitted to the CBSA in response to the Request for y investigation into Certain Copper Pipe Fittings originating epublic of Vietnam and attest that the information contained my knowledge, complete and accurate.
Signed:	
Date:	
Telephone number of signatory:	
Fax number of signatory:	
E-mail address of signatory:	
Address of signatory:	

## LISTING OF ATTACHMENTS

ATTACHMENT	DESCRIPTION				
A	Income and Price Support (GATT 1994, Article XVI, Annex 1A)				
В	Illustrative List of Export Subsidies (Agreement on Subsidies and Countervailing Measures, Annex 1)				
С	List of Known Exporters and Producers in Vietnam (Confidential)				

ATTACHMENT A - Income and Price Support (GATT 1994, ARTICLE XVI, SECTION A1)

## [Excerpt of General Agreement on Tariffs and Trade 1994] Article XVI\*

#### Subsidies

#### **SECTION A - SUBSIDIES IN GENERAL**

1. If any contracting party grants or maintains any subsidy, including any form of income or price support, which operates directly or indirectly to increase exports of any product from, or to reduce imports of any product into, its territory, it shall notify the CONTRACTING PARTIES in writing of the extent and nature of the subsidization, of the estimated effect of the subsidization on the quantity of the affected product or products imported into or exported from its territory and of the circumstances making the subsidization necessary. In any case in which it is determined that serious prejudice to the interests of any other contracting party is caused or threatened by any such subsidization, the contracting party granting the subsidy shall, upon request, discuss with the other contracting party or parties concerned, or with the CONTRACTING PARTIES, the possibility of limiting the subsidization.

## SECTION B - ADDITIONAL PROVISIONS ON EXPORT SUBSIDIES\*

- 2. The contracting parties recognize that the granting by a contracting party of a subsidy on the export of any product may have harmful effects for other contracting parties, both importing and exporting, may cause undue disturbance to their normal commercial interests, and may hinder the achievement of the objectives of this Agreement.
- 3. Accordingly, contracting parties should seek to avoid the use of subsidies on the export of primary products. If, however, a contracting party grants directly
- or indirectly any form of subsidy which operates to increase the export of any primary product from its territory, such subsidy shall not be applied in a manner which results in that contracting party having more than an equitable share of world export trade in that product, account being taken of the shares of the contracting parties in such trade in the product during a previous representative period, and any special factors which may have affected or may be affecting such trade in the product.\*
- 4. Further, as from 1 January 1958 or the earliest practicable date thereafter, contracting parties shall cease to grant either directly or indirectly any form of subsidy on the export of any product other than a primary product which subsidy results in the sale of such product for export at a price lower than the comparable price charged for the like product to buyers in the domestic market. Until 31 December 1957 no contracting party shall extend the scope of any such subsidization beyond that existing on 1 January 1955 by the introduction of new, or the extension of existing, subsidies.\*
- 5. The CONTRACTING PARTIES shall review the operation of the provisions of this Article from time to time with a view to examining its effectiveness, in the light of actual experience, in promoting the objectives of this Agreement and avoiding subsidization seriously prejudicial to the trade or interests of contracting parties.

<sup>\*</sup> Asterisks mark the portions of the text which should be read in conjunction with notes and supplementary provisions in Annex I to the World Trade Organization Agreement.

## **ATTACHMENT B - Illustrative List of Export Subsidies**

# (AGREEMENT ON SUBSIDIES AND COUNTERVAILING MEASURES, ANNEX I)

## [Excerpt of General Agreement on Tariffs and Trade 1994]

### ANNEX I - ILLUSTRATIVE LIST OF EXPORT SUBSIDIES

- (a) The provision by governments of direct subsidies to a firm or an industry contingent upon export performance.
- (b) Currency retention schemes or any similar practices which involve a bonus on exports.
- (c) Internal transport and freight charges on export shipments, provided or mandated by governments, on terms more favourable than for domestic shipments.
- (d) The provision by governments or their agencies either directly or indirectly through government-mandated schemes, of imported or domestic products or services for use in the production of exported goods, on terms or conditions more favourable than for provision of like or directly competitive products or services for use in the production of goods for domestic consumption, if (in the case of products) such terms or conditions are more favourable than those commercially available<sup>57</sup> on world markets to their exporters.
- (e) The full or partial exemption remission, or deferral specifically related to exports, of direct taxes<sup>58</sup> or social welfare charges paid or payable by industrial or commercial enterprises<sup>59</sup>.

The term "direct taxes" shall mean taxes on wages, profits, interests, rents, royalties, and all other forms of income, and taxes on the ownership of real property;

The term "import charges" shall mean tariffs, duties, and other fiscal charges not elsewhere enumerated in this note that are levied on imports;

The term "indirect taxes" shall mean sales, excise, turnover, value added, franchise, stamp, transfer, inventory and equipment taxes, border taxes and all taxes other than direct taxes and import charges;

"Prior-stage" indirect taxes are those levied on goods or services used directly or indirectly in making the product;

"Cumulative" indirect taxes are multi-staged taxes levied where there is no mechanism for subsequent crediting of the tax if the goods or services subject to tax at one stage of production are used in a succeeding stage of production;

"Remission" of taxes includes the refund or rebate of taxes;

"Remission or drawback" includes the full or partial exemption or deferral of import charges.

59The Members recognize that deferral need not amount to an export subsidy where, for example, appropriate interest charges are collected. The Members reaffirm the principle that prices for goods in transactions between exporting enterprises and foreign buyers under their or under the same control should for tax purposes be the prices which would be charged between independent enterprises acting at arm's length. Any Member may draw the attention of another Member to administrative or other practices which may contravene this principle and which result in a significant saving of direct taxes in export transactions. In such circumstances the Members shall normally attempt to resolve their differences using the facilities of existing bilateral tax treaties or other specific international mechanisms, without prejudice to the rights and obligations of Members under GATT 1994, including the right of consultation created in the preceding sentence. Paragraph (e) is not intended to limit a Member from taking measures to avoid the double taxation of foreign-source income earned by its enterprises or the enterprises of another Member.

<sup>&</sup>lt;sup>57</sup>The term "commercially available" means that the choice between domestic and imported products is unrestricted and depends only on commercial considerations.

<sup>&</sup>lt;sup>58</sup>For the purpose of this Agreement:

- (f) The allowance of special deductions directly related to exports or export performance, over and above those granted in respect to production for domestic consumption, in the calculation of the base on which direct taxes are charged.
- (g) The exemption or remission, in respect of the production and distribution of exported products, of indirect taxes<sup>58</sup> in excess of those levied in respect of the production and distribution of like products when sold for domestic consumption.
- (h) The exemption, remission or deferral of prior-stage cumulative indirect taxes<sup>58</sup> on goods or services used in the production of exported products in excess of the exemption, remission or deferral of like prior-stage cumulative indirect taxes on goods or services used in the production of like products when sold for domestic consumption; provided, however, that prior-stage cumulative indirect taxes may be exempted, remitted or deferred on exported products even when not exempted, remitted or deferred on like products when sold for domestic consumption, if the prior-stage cumulative indirect taxes are levied on inputs that are consumed in the production of the exported product (making normal allowance for waste).<sup>60</sup> This item shall be interpreted in accordance with the guidelines on consumption of inputs in the production process contained in Annex II.
- (i) The remission or drawback of import charges<sup>58</sup> in excess of those levied on imported inputs that are consumed in the production of the exported product (making normal allowance for waste); provided, however, that in particular cases a firm may use a quantity of home market inputs equal to, and having the same quality and characteristics as, the imported inputs as a substitute for them in order to benefit from this provision if the import and the corresponding export operations both occur within a reasonable time period, not to exceed two years. This item shall be interpreted in accordance with the guidelines on consumption of inputs in the production process contained in Annex II and the guidelines in the determination of substitution drawback systems as export subsidies contained in Annex III.
- (j) The provision by governments (or special institutions controlled by governments) of export credit guarantee or insurance programs, of insurance or guarantee programs against increases in the cost of exported products or of exchange risk programs, at premium rates which are inadequate to cover the long-term operating costs and losses of the programs.
- (k) The grant by governments (or special institutions controlled by and/or acting under the authority of governments) of export credits at rates below those which they actually have to pay for the funds so employed (or would have to pay if they borrowed on international capital markets in order to obtain funds of the same maturity and other credit terms and denominated in the same currency as the export credit), or the payment by them of all or part of the costs incurred by exporters or financial institutions in obtaining credits, in so far as they are used to secure a material advantage in the field of export credit terms.

Provided, however, that if a Member is a party to an international undertaking on official export credits to which at least twelve original Members to this Agreement are parties as of 1 January 1979 (or a successor undertaking which has been adopted by those original Members), or if in practice a Member applies the interest rates provisions of the relevant undertaking, an export credit practice which is in conformity with those provisions shall not be considered an export subsidy prohibited by this Agreement.

(l) Any other charge on the public account constituting an export subsidy in the sense of Article XVI of GATT 1994.

<sup>&</sup>lt;sup>60</sup> Paragraph (h) does not apply to value-added tax systems and border-tax adjustment in lieu thereof; the problem of the excessive remission of value-added taxes is exclusively covered by paragraph (g)

## ATTACHMENT C - LIST OF KNOWN EXPORTERS AND PRODUCERS IN VIETNAM

[CONFIDENTIAL]