

Part 1 General

1.01 RELATED REQUIREMENTS

- .1 Entire Specification – All areas of common work.

1.02 STANDARDS OF MATERIAL AND EQUIPMENT

- .1 Where a Manufacturer's name is specified, it is for the purpose of setting a standard of quality, performance, capacity, appearance and serviceability. Acceptable Manufacturers listed below are expected to be capable of providing the specified material or equipment. Although a particular Manufacturer may be listed below, it is mandatory that every product provided meets all parameters and standards of the specification.

1.03 DESCRIPTION

The following are the acceptable manufacturers for the project. Requests for products from other manufactures are permitted only through the use of the Product Substitution Request Form in Section 01 25 13.

- .1 General Duty Valves and Strainers for Plumbing

Product

Acceptable Manufacturers

Valves:

Jenkins, Crane, Toyo, Kitz, RWV

Val-Matic, Stream Flo, DeZURIK, FNW, Bell and Gossett

Balancing Valves:

Armstrong CBV, Taco, Bell and Gossett

Strainers:

Jenkins, Crane, Toyo

- .2 Plumbing Piping Insulation

Product

Acceptable Manufacturers

Insulation:

Owen's Corning, Certainteed, Knauf, Johns Manville

- .3 Domestic Water Pumps

Product

Acceptable Manufacturers

Recirculation Pumps:

Armstrong, Bell & Gossett, Grundfos, Taco, Wilo

- .4 Domestic Water Piping and Specialties

Product

Acceptable Manufacturers

Thermostatic Mixing Valves:

Delta, American Standard, Bradley

Water Hammer Arresters:

Jay R. Smith, Zurn, Watts

Trap Primers:

Josam, PPP, Mifab

Hose Bibbs:

Watts, Zurn, Acorn

.5 Sanitary Waste and Storm Drain Piping Specialties

<u>Product</u>	<u>Acceptable Manufacturers</u>
Floor Drains/Funnel Floor Drains:	Watts, Jay R. Smith, Zurn
Cleanouts:	Watts, Jay R. Smith, Zurn
Trap seal primers, Grease Interceptors:	Zurn, Watts, Jay R. Smith
Backwater Valves	Zurn, Watts, Jay R. Smith

.6 Domestic Water Heaters

<u>Product</u>	<u>Acceptable Manufacturers</u>
Gas Water Heaters:	A.O. Smith, Rheem, Bradford White
Electric Water Heaters:	TurboMax, A.O. Smith, Ruud, Rheem, Bradford White, American Standard, GSW, Giant, John Wood

.7 Plumbing Fixtures

<u>Product</u>	<u>Acceptable Manufacturers</u>
Water Closets	American Standard, Toto, Sloan, Kohler, Delta
Urinals	American Standard, Toto, Sloan, Kohler, Delta
Faucets	Sloan, American Standard, Chicago Faucets, Delta
Lavatories	Acorn, Sloan, American Standard, Kohler
Sinks	Franke, Kindred, Stern-Williams
Showers	Chicago Faucets, American Standard, Delta
Emergency Eyewash:	Bradley, Guardian, Haws
Drinking Fountains:	Elkay, Stern Williams, Franke

.8 Expansion Fittings and Loops for HVAC Piping

<u>Product</u>	<u>Acceptable Manufacturers</u>
Flexible pipe connections:	Mason, Flexonics, Minnesota Flexible Corporation, Flex-Hose
Expansion joints and compensators:	Flexonics, Mason, Fulton, Flex-Hose

.9 Meters and Gauges for HVAC Piping

<u>Product</u>	<u>Acceptable Manufacturers</u>
Pressure gauges:	Marsh, Trerice, Ashcroft, Weksler
Positive displacement meters;	Neptune, Rockwell, Badger
Flow Meters:	Gerand, Preso, Omega
Static pressure gauges:	Dwyer, Kele, Omega

Thermometers: Marsh, Terice, Ashcroft, Weksler

.10 General Duty Valves and Strainers for HVAC Piping

Product Acceptable Manufacturers

Valves: Jenkins, Crane, Toyo, Kitz, Dahl Mueller SPX, Victaulic, RWV, Val-Matic, APCO, Stream Flo, DeZURIK, FNW, MAS, Hammond, Bell & Gossett, Wilo

Strainers: Jenkins, Crane, Kitz, Mueller SPX, Victaulic, Bell & Gossett, Wilo

.11 Vibration Controls for HVAC Piping and Equipment

Product Acceptable Manufacturers

Isolators/Bases/Hangers: Vibro Acoustic, Vibron, IAC, Mason, Korfund, Vibro Acoustics Western, VMC – Amber Booth, California Dynamics

.12 Duct Insulation

Product Acceptable Manufacturers

Insulation: Owen's Corning, Certainteed, Knauf, Johns Manville.

.13 Thermal Insulation for Piping

Product Acceptable Manufacturers

Insulation: Owen's Corning, Certainteed, Knauf, Johns Manville.

.14 Air Duct Accessories

Product Acceptable Manufacturers

Access Doors: Controlled Air, Nailor, Air-O-Metal, Titus.

Dampers: Tamco, Johnson

Fire Dampers: Controlled Air, Ruskin, Price, Nailor, Greenheck

Flexible Connections: Thermaflex, Wire-Mould, Flexmaster

Backdraft Dampers: Ventex, Tamco, Johnson

.15 HVAC Fans

Product Acceptable Manufacturers

Exhaust Fans Greenheck, Cook, Penn, Twin City Fan, CaptiveAire

.16 Diffusers, Registers and Grilles

Product

Acceptable Manufacturers

Diffusers:

Titus, Price, Nailor.

Grilles and Registers

Titus, Price, Nailor.

Outside Louvres

Nailor, Westvent, Ruskin, Ventex

Roof Hoods

Greenheck, Penn, Acme, Carnes, Jenn
Air, Airolite, Loren Cook, Vent Air.

.17 Air-to-Air Energy Recovery Equipment

Product

Acceptable Manufacturers

Energy Recovery Ventilator:

Tempeff, SolutionAir RegenCore

.18 Terminal Air Units

Product

Acceptable Manufacturers

VAV Boxes

Nailor, Titus, Price, ZoneAll

.19 Energy Monitoring and Control System (EMCS)

Equipment

Acceptable Manufacturers

EMCS

Delta, Johnson Controls, Schneider, KMC

Variable Frequency Drive (VFD)

Cutler Hammer, Allan Bradley, ABB, Danfoss

Part 2 PRODUCTS

2.01 NOT USED

.1 Not used

Part 3 EXECUTION

3.01 NOT USED

.1 Not used.

END OF SECTION