

## DIVISION 26 - ELECTRICAL

### SECTION 26 42 15 – CATHOTIC PROTECTION-PIPING CHILL WATER AND CONDENSATE PIPES & SHUT-OFF VALVES

#### **PART 1: GENERAL**

##### **1.01 Scope of Standards**

- A. This standard provides general guidance concerning the specific preferences of Texas State University-San Marcos for Cathodic Protection-Piping and Valves-Shut off Valves.
- B. Texas State University-San Marcos recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for Texas State University-San Marcos projects.

#### **PART 2: PRODUCTS**

- A. Chill water supply and return lines, steam and condensate lines and domestic water lines shall be flanged on the building site of the initial penetration as close to the initial penetration as conveniently possible and shall be equipped with an appropriate style and pressure rated bubble tight shut off valve.
- B. Between the first building side flange and the valve shall be placed an isolation kit and flange gasket. These isolation kits and flange gaskets shall be Pikotek GRE flange isolation kits equipped with spring energized Teflon gaskets (temperature range -250°F to +350°F).
- C. These same isolation kits and gaskets shall be used on all metal natural gas lines prior to the natural gas line entering the building.
- D. These isolation kits are necessary in order to isolate distribution piping and buildings in order to develop an effective cathodic protection system.

#### **PART 3: EXECUTION (NOT USED)**

END OF SECTION 26 42 15