

Evaluation Table

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| PEP ID: | XXXXX |
| Manufacturer: | Name of Manufacturer |
| Product Name: | Name of Product |

800 Landscape Architectural Materials
 808 Landscape Irrigation: Valves (Gate Valve)
 ADOT Standard Specification: 808-2.01(B)
 Responsible Section: Roadway Group

| Material Property | Specification/ Test Method | Requirement | Results | Pass/ Fail |
|------------------------------------|---|---|----------------|-----------------------|
| Gate Valve: General | 808-2.01(B) | Identification of the valve by trade name, manufacturer and/or model number shall be stamped or cast on the valve body or on a permanently attached metal plate or tag. | | |
| Gate Valve: General | 808-2.01(B) | Valves installed above ground shall be equipped with handwheels. | | |
| Gate Valve: General | 808-2.01(B) | Valves installed below grade shall be equipped with an operating nut or a cross handle, except a gate valve installed adjacent to a remote control valve, which shall be equipped with a handwheel. | | |
| Gate Valve: General | 808-2.01(B) | A minimum of one operating key or wrench shall be provided for each size operating nut or cross handle. | | |
| Gate Valve: 3 inches or smaller | 808-2.01(B)(1) | Gate valves 3 inches or smaller shall be Class 125, bronze body, nonrising stem type with solid disc, screwed bonnet and required operator. | | |
| Gate Valve: 3 inches or smaller | 808-2.01(B)(1) ASTM B72 ASTM B371 | The bronze components of the valve shall conform to the requirements of ASTM B62 with the exception of the stem which shall conform to ASTM B371, Alloy 694. | | |

| Material Property | Specification/ Test Method | Requirement | Results | Pass/ Fail |
|------------------------------------|---------------------------------------|---|----------------|-----------------------|
| Gate Valve: 3 inches or smaller | 808-2.01(B)(1) | The handwheel, where required, shall be non-corrosive metal. | | |
| Gate Valve: 4 inches or larger | 808-2.01(B)(2) | Gate valves 4 inches or larger in size shall be iron body, bronze mounted and shall conform to the requirements of Federal Specification WW-V-58 Class 1, Type 1, for Class 125 valves having non-rising stem, bolted bonnet and solid wedge configuration. | | |