

# WATER AND WASTEWATER PRODUCT APPROVAL

## I. GENERAL

Standard for Water and Wastewater product approval: The manufacturer shall submit electronically to JEA's Water/Wastewater Standards Team via e-mail to [waterwastewater@jea.com](mailto:waterwastewater@jea.com).

### I.1. SUBMITTALS REQUIRED:

- I.1.1. Cover letter including name of manufacturer, brief history, contact information and manufacturer's website.
- I.1.2. Overview of product, a statement that the proposed product meets or exceeds current JEA standards as stated in section, sub-section of the JEA Water and Wastewater Standards manual.
- I.1.3. A request that the product be reviewed for standardization.
- I.1.4. Benefits of product compared to current JEA approved products.
- I.1.5. References in Florida (including JEA, if applicable) with contact names and numbers.

### I.2. SUBMITTALS REVIEW:

- I.2.1. The information will be reviewed. JEA will provide a response of either accepted, approved for further study or not accepted, along with an explanation.
- I.2.2. JEA may elect to tour the manufacturer's facilities to aid in the approval/disapproval decision.
- I.2.3. Manufacturers with acceptable submittals are qualified for product review and testing/evaluation, if applicable.
- I.2.4. Manufacturers with unacceptable submittals shall be notified of the need for additional submittal information, if applicable.

### I.3. PRODUCT APPROVAL PROCESS:

- I.3.1. Manufacturers with approved submittals shall have their products reviewed by JEA.
- I.3.2. Product evaluation: Products will be tested in the JEA system, typically for year. Qualified manufacturers for testing shall supply product(s) to JEA for testing, at no cost to JEA. Once the evaluation period is completed, JEA will approve/disapprove the product.
- I.3.3. Product field failure/disapproval: The manufacturer shall remove product and replace with an approved product, including site restoration, fines and or penalties at no cost to JEA.

I.3.4. Approved manufacturers shall have the approved product listed in JEA's Approved Material Section and shall be eligible to supply the product in the JEA system.

I.3.4.1. Product/part number changes: if the manufacturer changes the design of the product or part number, JEA Water and Wastewater Standards Department shall be notified. The manufacturer shall provide the original product cut sheet as well as the proposed cut sheet for JEA's review. Upon completion of the review, the manufacturer will be informed if the change is acceptable to JEA.

## II. ADDITIONAL REQUIREMENTS FOR WATER METER APPROVAL

### II.1. TESTING

II.1.1. Meters shall be installed per the JEA Water and Wastewater Standards and successfully transmit daily reads through the automated meter reading system for a period of 365 days.

II.1.2. After 365 days the meters shall be removed and bench tested. The meters shall pass JEA's current bench testing standard operating procedure in accordance with AWWA C-700 accuracy standards for new water meters.

## III. ADDITIONAL REQUIREMENTS FOR WASTEWATER CONTROL PANELS

### III.1. REQUIRED DOCUMENTATION:

III.1.1. The Authorized Control Panel Manufacturing Facility shall be located in the JEA service area. The address of where the panels will be manufactured shall be provided.

III.1.2. The Authorized Control Panel Manufacturing Facility shall provide UL508A documentation showing that they are a qualified UL508A shop.

III.1.3. The Authorized Control Panel Manufacturing Facility shall have in-house quality control programs, testing capability to fully test and certify each control panel. An example of a current test procedure shall be provided.

III.1.4. The Authorized Control Panel Manufacturing Facility shall provide a resume with names and experience of the people meeting the requirements below.

III.1.4.1. The Authorized Control Panel Manufacturing Facility shall be regularly engaged in the manufacturing of Municipal and Industrial Control Panels and shall have no less than 10 years of staff experience in the Wastewater Controls Market which will insure professional products being produced and knowledgeable maintenance and service being offered.

III.1.4.2. The Authorized Control Panel Manufacturing Facility shall have manufacturer trained staff knowledgeable in all products related to the components in the JEA standard panels including Programmable Controllers, Programming Software, Control, Circuit Protection and Variable Frequency Drives.

- III.1.4.3. In the event that a panel needs to be worked on in the field, the Authorized Control Panel Manufacturing Facility must be either JEA Level "A" Safety Qualified or contract one of the JEA Level "A" qualified contractors. The Authorized Control Panel Manufacturing Facility shall provide at least one of the two options below. Contact the JEA Safety & Health Services Department if you need assistance.
  - III.1.4.3.1. Provide evidence that the Authorized Control Panel Manufacturing Facility is JEA Safety Qualified Level "A".
  - III.1.4.3.2. Provide the names and contact information of the JEA Safety Qualified Level "A" Contractors that will be used in the event field work is required.