



# Valve Forum: Conference & Exhibits

The comprehensive gathering place for flow control experts!



## Valve Manufacturers Association Tour – North Bermuda Water Treatment Plant

Program Outline & Tour Guide

April 10, 2025 @ 1-2:30 PM

### Proposed Schedule:

#### **1:00 PM – Welcome & Safety Briefing**

1. Introduction to the facility and team
2. Overview of the tour route
3. Distribution of hard hats and high visibility vests (required for safety)
4. Safety reminders and PPE check

#### **1:15 PM – Tour Begins**

1. North Bermuda's Water Source
  1. Overview of Toho's North Bermuda Water Treatment Plant and its water treatment process
  2. Introduction to gate valves used for flow control
2. Treatment Process
  1. Aeration, chlorination, and fluoridation. No advanced water treatment for the facility.
  2. Explanation of Toho's butterfly valves used to regulate chemical dosing
3. Pumping & Distribution
  1. Walkthrough of high-service pumps and pipeline networks
  2. Overview of check valves and pressure relief valves to maintain system integrity
4. Monitoring & Automation
  1. Insight into SCADA systems
  2. Role of control valves in automated water distribution

#### **2:15 PM – Q&A & Closing Remarks**

1. Group discussion on valve technology advancements and any facility notes specific to Toho.

#### **Tour Concludes & Exit**

#### Safety Guidelines

##### Required Attire:

1. Closed-toe, sturdy footwear (boots preferred, no sandals or open-toe shoes)
2. Long pants and weather-appropriate clothing

##### PPE Provided:

1. Hard hats
2. High visibility vests