



## **Instrumentation Testing Association**

*Promoting Reliability & Performance of Environmental  
Instrumentation and Automation Technologies*

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### **BENEFITS OF JOINING THE INSTRUMENTATION TESTING ASSOCIATION (ITA)**

Thank you for your interest in the Instrumentation Testing Association. Our organization is a non-profit, technical and educational association that has been serving the water, wastewater and industrial trades since 1984. Our organization is governed by a Board of Directors representing both municipal and industrial treatment facilities and has a goal to develop and disseminate instrumentation and automation research and educational programs for the industry. Our members include municipal and industrial treatment facilities, consultants, manufacturers, government agencies, educational institutions, and other nonprofit organizations. Our members directly contribute their ideas, needs and issues regarding instrumentation and automation to assist in the planning and development of all ITA projects.

### **WHAT ARE THE BENEFITS OF BECOMING AN ITA MEMBER?**

Membership benefits include:

- Up to 75% Savings on ITA Publications
- Discounts on ITA's Educational Training Programs
- Newsletter Containing Instrumentation and Automation Technical Articles
- Free Web Listings on ITA's Web Site and Hyperlinks to your Web Site
- Free Job Listings for your Organization on ITA's Web Site
- Discounts on Advertising on ITA's Web Site and in ITA's Quarterly Newsletter
- Networking with Other Industry Professionals
- Direct Impact on the Planning and Development of ITA Projects

### **ADDITIONAL BENEFITS TO IMPROVE EFFICIENCY AND REDUCE COSTS!**

Whether you are a municipal or industrial treatment facility, consultant or manufacturer, ITA's research, test reports, studies, and educational training workshops can help you and your organization benefit by:

- Providing Objective Third-Party Test Data that can be used to;
  - Make an informed decision for specifying instrumentation or equipment,
  - Select the best instrument for your application,
  - Install the most accurate and reliable instrument to improve efficiency and realize cost savings of treatment processes,
  - Prove performance and capabilities of instrumentation or equipment to other in-house staff and/or regulators to justify purchases or meet government permit requirements, and
  - Realize cost savings on procurement since the cost of ITA's test reports are anywhere from 1/10<sup>th</sup> to ¼ the cost of one instrument.

## **MORE BENEFITS TO ADDRESS YOUR EVERYDAY NEEDS!**

- Save on labor and training costs by you or your staff attending ITA's Educational Training Workshops and by receiving the ITA Enews which contains instrumentation and automation technical articles
- Networking with other professionals in the industry to help troubleshoot issues at your facility
- Bringing your needs to the forefront of ITA's project planning by participating in an ITA Committee
- Improve Efficiency at your treatment facility by implementing learned information from ITA's workshops and technical newsletter articles.

## **ITA'S MOST CURRENT PROJECTS AND REPORTS**

The following provides a summary of some of ITA's most current publications available and planned projects for the near future.

### **ITA Publications**

- Online Chlorination /Dechlorination Analyzers Performance Evaluation Report Sacramento Regional Wastewater Treatment Plant
- Online Interface /Sludge Blanket Level Analyzer Test
- Online Dissolved Oxygen Analyzers for Wastewater Treatment Applications: A Performance Evaluation Report
- Online Dissolved Oxygen Analyzers Maintenance Benchmarking Study
- Online Ammonia Analyzers for Water and Wastewater Treatment Applications: A Performance Evaluation Report
- Area/Velocity Flowmeters for Wastewater Collection Systems Applications: A Performance Evaluation Report
- Flowmeters for System Applications: A Designer Checklist
- Residual Chlorine Analyzers for Water and Wastewater Treatment: A Performance Evaluation Report
- Total and Free Chlorine Residual Analyzers Online Maintenance Benchmarking Study
- Instrumentation, Control, and Automation Staffing Maintenance Benchmarking Study
- pH Analyzers Online Maintenance Benchmarking Study
- Suspended Solids and Turbidity Analyzers Online Maintenance Benchmarking Study
- Instrumentation Maintenance Troubleshooting: Guidelines for Practical Solutions: Workshop Proceedings
- Optimal Flow Measurement: Understanding Selection, Application, Installation, and Operation of Flowmeters: Workshop Proceedings
- Online Toxics Measurement: Keeping Water Safe: Workshop Proceedings

### **Ongoing & Future Projects**

- ITA Instrument Specification Database (provides specifications of online instrumentation and automation systems used in the monitoring and control of industrial and municipal wastewater treatment). See ITA's Web site for more details.
- Update of ITA's Online Low Range Turbidity / Suspended Solids Analyzer Performance Evaluation Report (future test project)
- Sampling Systems for Online Instruments Study
- Total Organic Carbon (TOC) Analyzer Study / Potential Test
- Computer Maintenance Management Systems (CMMS) Study