

## Speaker Information:



### **Jerry Horst/Chris Abrams - Tesco Controls**

Based in Sacramento, California since 1972, Tesco Controls, Inc. is a controls system integrator and manufacturer for the water/wastewater and traffic industries. TESCO offers a complete range of professional services that include: engineering design, technical studies, customized computer programming, field installation, field calibration, technical support, and maintenance packages.

### **Charles Aycock - City of Roseville, CA**

Charles was hired by the City of Roseville as an Electronics Technician II in 1994, promoted to Senior Technician, Electronics Maintenance Supervisor and is currently the EIM Systems Coordinator for the City of Roseville's Environmental Utilities Department. He is the electrical, instrumentation and mechanical technical liaison for all City of Roseville's water and wastewater treatment facilities, recycled water, waste collection, water distribution and storm water systems.

### **John Mohr - Shape Inc.**

An employee of Shape Inc. for the past six years and in the municipal wastewater industry for over 30. John has many years of experience starting up and troubleshooting various types of pump/motor units, pump sizing, selection, and designing of wastewater & water pump systems.

### **Glenn Greene - Holt of California**

Mr. Greene has 23 Years with Holt of California, of which he spent 17 years as Generator Field Service Technician and 6 years Generator Product support.

### **Tony Iannamorelli - The Timken Company**

Mr. Iannamorelli is a vibration and bearing damage engineer for Timken Bearings. Timken is the largest tapered roller bearing manufacturer in the country.

### **Jim Horton—HydroScience**

James Horton has over 20 years of experience in maintenance, repair, and installation of water and wastewater equipment. He spent 5 years as a maintenance mechanic for Union Sanitary District in Fremont, CA. He was trained in asset management and was an active participant in the District-wide Safety Committee. James employed his skills in construction, maintenance, planning, installation and project management working independently as head of his own construction company (Concepts West, Inc.) and as Senior Project Manager for Fluid Industrial Systems. James is currently Head of Maintenance Management for HydroScience Operations.

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California  
Water  
Environment  
Association

7677 Oakport Street, Suite 600  
Oakland, CA 94621



### Key Learning Objectives:

- ◆ Maintenance practices for control panels and PLC systems that will **enhance the reliability of your facility**
- ◆ Appropriate measures to **make your facility compliant** with current arc-flash regulations and **keep your staff safe**
- ◆ Maintenance approaches to **keep the equipment running smoothly** and earn new-found respect for your maintenance staff

**May 24, 2011 - Elk Grove**

**May 25, 2011 - Fresno**

**May 26, 2011 - Fountain Valley**

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**Sacramento Section, Central  
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**Maintenance: Safety,  
Reliability, and Compliance**

**What You Will Take Away:**

- ◆ The maintenance of PLCs and control panels for reliable process automation and to prevent premature control systems failure
- ◆ Approaches to assessing bearing failures and defining the mode of failure so preventative measures can be determined
- ◆ Arc Flash Basics, NPFA 70E, NFPA 70E compliance and what is required for proper training
- ◆ Do's and don't s when maintaining and troubleshooting submersible pumps and motors
- ◆ Recommended weekly, monthly, annual generator maintenance and in-service training
- ◆ Benefits of developing trends during periodic regular generator inspections
- ◆ Blower Maintenance Comparison



CWEA Specialty Conferences  
7677 Oakport Street, Suite 600  
Oakland, CA 94621

Phone: 510-382-7800 ext. 125 Fax: 510-382-7810

Register online at [www.cwea.org/conferences](http://www.cwea.org/conferences)

**Schedule:**

- 8:00 - 9:00am **Registration**
- 9:10 - 10:00am **PLC and Control Panel Maintenance**  
*Jerry Horst/Chris Abrams - Tesco Controls*
- 10:10 - 11:00am **Bearing Failure Forensics**  
*Tony Iannamorelli - The Timken Company*
- 11:10am - Noon **Arc Flash Compliance - One Agency's Approach**  
*Charles Aycock - City of Roseville*
- Noon - 1:00pm **Lunch provided**
- 1:10 - 2:00pm **Submersible Pump Maintenance**  
*John Mohr - Shape Inc.(North and Central),  
TBD - ITT Flygt (South)*
- 2:10 - 3:00pm **The Proper Care and Feeding of your Emergency Generator System**  
*Glenn Greene - Holt of California*
- 3:10 - 4:00pm **Blower Technologies: A Comparative Approach**  
*Jim Horton - HydroScience*

**Workshop Locations:**

**Northern California - May 24, 2011**  
Sacramento Regional Wastewater Treatment Plant  
8521 Laguna Station Road  
Elk Grove, CA 95758

**Central California - May 25, 2011**  
City of Fresno  
Police Department Regional Training Center  
6375 W. Central Ave  
Fresno, CA 93706

**Southern California - May 26, 2011**  
Orange County Sanitation Districts  
10844 Ellis Avenue  
Fountain Valley, CA 92708

**Plant Maintenance Registration Form**

First Name \_\_\_\_\_ Last Name \_\_\_\_\_ Name for Badge \_\_\_\_\_

Agency/Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Email Address \_\_\_\_\_

Phone \_\_\_\_\_ Fax Number \_\_\_\_\_

Emergency Contact \_\_\_\_\_ Phone \_\_\_\_\_

\_\_\_ **Member** CWEA , WEF or CA-NV AWWA Mbr # \_\_\_\_\_  
(Current membership required for member rates.)

\_\_\_ **Non-Member**

\_\_\_ **Special Services:** Please check here if you require special accommodations to fully participate. Attach a written description of your needs.

<b>Register for:</b>	<b>Tues 5/24</b>	<b>Wed. 5/25</b>	<b>Thurs. 5/26</b>
	<b>Elk Grove</b>	<b>Fresno</b>	<b>Fountain Valley</b>
Early Bird Member Rate Before May 10th	<input type="checkbox"/> \$105	<input type="checkbox"/> \$105	<input type="checkbox"/> \$105
Early Bird Regular Rate Before May 10th	<input type="checkbox"/> \$171	<input type="checkbox"/> \$171	<input type="checkbox"/> \$171
Member Rate After May 10th	<input type="checkbox"/> \$125	<input type="checkbox"/> \$125	<input type="checkbox"/> \$125
Regular Rate After May 10th	<input type="checkbox"/> \$191	<input type="checkbox"/> \$191	<input type="checkbox"/> \$191

**Method of Payment:**

- Check - CWEA 2011 Specialty Conference  Purchase Order — Must be attached
- Discover  American Express  Mastercard  Visa

Credit Card # \_\_\_\_\_ Exp. date \_\_\_\_\_

Name as it appears on card \_\_\_\_\_ Billing zip code \_\_\_\_\_

Signature \_\_\_\_\_

If more than one person from your agency will attend, please submit one form for each person.

Written cancellation notice is required, and must be received at least 15 days prior to the conference date. A 25% service fee shall be retained on all cancellations. No refunds shall be given for cancellations made less than 15 days prior to any conference.

All fees for conference registration shall be paid in full at the time of pre-registration or on-site registration. Full payment may be made by credit card, personal check or company/agency check. Purchase orders are acceptable and must be attached to the registration form. Registrations received by CWEA without full payment or purchase order will not be processed.

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