



15TH ANNUAL

Electrical Safety, Reliability and Sustainability

CONFERENCE & EXHIBITION



May 5-7, 2012

SHERATON STATION SQUARE HOTEL
Pittsburgh, PA

ATTENDEE INFORMATION

Why You Should Attend



- ▶ Learn how to extend the life of your switchgear
- ▶ Attend the industry's leading classroom and hands-on training; this year PEARL offers two tracks: **Medium-Voltage Contactors** and **Low-Voltage Circuit Breaker Testing**
- ▶ Learn how to improve workplace safety and reliability with reconditioned electrical equipment
- ▶ Meet the industries experts in reconditioning electrical equipment

For more information, visit www.electricalsafetyandreliability.com
Or call toll-free **877-287-3275**



8:45 – 9:00 a.m.	Assemble in hotel lobby to board bus for Site Tour; Bus departs at 9:00 a.m.	
9:00 a.m. – 3:30 p.m.	Site Tour and Fun Day — Voyten Electric & Electronics, Inc. • Tour • Shooting Range • Refreshments Bus departs Sheraton Station Square Hotel at 9:00 a.m.; Bus returns to Sheraton Station Square Hotel around 3:30 p.m.	
4:45 – 5:00 p.m.	Assemble in hotel lobby to board bus for Site Tour; Bus departs at 5:00 p.m.	
5:00 p.m. – 11:00 p.m.	Site Tour and Meet & Greet — The Motor Control Center • Tour • Pig Roast • Live Music Bus departs Sheraton Station Square Hotel at 5:00 p.m. and runs in continuous loop leaving Sheraton Station Square Hotel at the top of every hour; departs The Motor Control Center at 30 minutes past each hour. Last bus departs The Motor Control Center at 10:30 p.m.	

TRACK 1 (GENERAL TRACK)

TRACK 2 (TWO-PART TECHNICAL TRACK)

8:00 – 9:00 a.m.	Breakfast	
8:00 a.m. – 6:00 p.m.	Exhibit Hall Open Visit all exhibitors to be eligible for \$500 cash prize	
9:00 – 9:30 a.m.	Welcoming Remarks Mayor Luke Ravenstahl, City of Pittsburgh Malcolm Frederick, Shermco Industries, Inc., PEARL President 2011-2012	
9:30 – 10:30 a.m.	Remanufacturing: The Ultimate Recycler William C. Gager, Automotive Parts Remanufacturers Assoc.	PEARL Training (classroom) Presented by Shermco Industries at the Sheraton Station Square Hotel (Session extends until 3:30 p.m.) • Medium-Voltage Contactors • Low-Voltage Circuit Breaker Testing
10:30 – 11:00 a.m.	Break	
11:00 a.m. – 12:00 p.m.	Hot Topics in a Cold Economy Alan M. Mirman, Mirman, Bubman & Nahmias, LLP	PEARL Training (continued)
12:00 – 1:00 p.m.	Lunch	
1:00 – 2:00 p.m.	The Buckeye Bullet II — An 85-Second Pulsed-Powered Thrill-Ride to 300+ mph Nigel P. McQuin, McQuin Electrical Power Consulting, Inc.	PEARL Training (continued)
2:00 – 3:30 p.m.	Round Table Discussion Groups (30 min. per group then rotate) • PEARL Standards in the Workplace • PEARL Products and Services • The Future PEARL Technician	
3:30 – 4:30 p.m.	PEARL Membership Meeting	
4:30 – 6:00 p.m.	Reception Open to All	

TRACK 1 (GENERAL TRACK)

TRACK 2 (TWO-PART TECHNICAL TRACK)

8:00 – 9:00 a.m.	Breakfast	
9:00 – 10:00 a.m.	Keynote Address: Safety First—Lessons for Electrical Safety and Reliability H. Landis "Lanny" Floyd, II, DuPont	
10:00 – 10:45 a.m.	4th & Goal — The Good & Bad Calls of Coaching and Leadership Megan E. Burns, Operations Strategy Consulting, LLC	PEARL Training (hands-on) Presented by Voyten Electric & Electronics, Inc. at The Motor Control Center (Session extends until 3:30pm) • Medium-Voltage Contactors • Low-Voltage Circuit Breaker Testing
10:45 – 11:00 a.m.	Break	
11:00 a.m. – 12:00 p.m.	IEEE Perspective of Circuit Breaker Conversions and Switchgear Life Extensions Nigel P. McQuin, McQuin Electrical Power Consulting	PEARL Training (continued)
12:00 – 1:00 p.m.	Lunch	
1:00 – 2:00 p.m.	Equipment Safety Operations Michael D. Wright, 7OE Solutions	PEARL Training (continued)
2:00 – 2:30 p.m.	PEARL Reconditioning Standard — Status Update of New Standard on Motor Control Solid-State Drives David B. Rosenfield, ROMAC	
2:30 – 3:00 p.m.	ANSI Standards Development Update—Making PEARL Reconditioning Standards Even Better Stuart Jackson, Instel Power Products, Inc.	
3:00 – 3:30 p.m.	PEARL Technician Certification Doug Powell, National Switchgear Systems, Inc.	
3:30 – 5:00 p.m.	Awards Presentation and Reception	

KEYNOTE

SAFETY FIRST—LESSONS FOR ELECTRICAL SAFETY AND RELIABILITY



H. Landis "Lanny" Floyd, II

SENIOR CONSULTANT, DUPONT

H. Landis "Lanny" Floyd, II, has been a driving force in electrical safety, and his work has been key to a sizeable reduction in deaths related to electrical accidents. For over 30 years, Mr. Floyd has focused on electrical safety in construction, operation, and

maintenance of industrial and commercial facilities worldwide for DuPont. His duties include safety management systems, competency renewal, work practices, and the application of technologies critical to electrical safety performance. Mr. Floyd instigated a novel collaboration of industry, government, and academia to prevent and treat electrical injuries. He convened the first industry forum to address arc flash as a unique hazard in 1987. His work led to revisions of U.S. and IEEE policies and advances in the design of industrial power systems and protective equipment. Mr. Floyd's colleagues credit him as a major force in the 50 percent reduction in electrical incident fatalities since 1986.

PEARL TRAINING

You will not want your technicians to miss this year's PEARL training. Two days of the industry's best training. Day one will consist of classroom training, followed by Day two with hands-on training. This year PEARL is offering two tracks of training:

TRACK ONE – LOW-VOLTAGE CIRCUIT BREAKER TESTING:

Technicians will learn principles of testing low-voltage circuit breakers, what each test is doing, and how to interpret the test results. Each technician will gain knowledge on how to read circuit breaker curves, calculate test currents, understand how each piece of test equipment works, and how to reference the PEARL testing methods and tables for the appropriate equipment. During the hands-on training segment, technicians will test circuit breakers using the industry's latest test equipment, performing a range of tests: insulation resistance, contact resistance, timing, over current injection and operational test to confirm the equipments performance.

TRACK TWO – MEDIUM-VOLTAGE CONTACTORS:

Technicians will learn the principles of testing and construction of medium-voltage contactors – air, vacuum, and oil. Each technician will gain knowledge on how contactors interrupt and dissipate an arc, control circuits, interlocks, starter configurations, PEARL testing methods, and how to reference the appropriate tables for test values. During the hands-on training segment, technicians will test contactors, using the industry's latest test equipment, performing a range of tests: insulation resistance (AC and DC hipot), contact resistance, timing, and operational test to confirm the equipments performance and perform manufactures adjustments.

Once you get up to speed, now you will be able to take advantage of training two technicians in less time with PEARL's two-track training series. Your technicians will be trained using industry professional which will share equipment specific defects and trouble areas you will see in service aged equipment. This small training investment will pay you bucks.

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(CHECK ALL THAT APPLY):

- PEARL Member Full Conference — Early Bird* \$650
** Must register and pay in full on or before April 5, 2012*
- PEARL Member Full Conference — Regular Price..... \$750
- PEARL Member Additional Registrant (same firm) \$450
- Full Conference — Early Bird* \$900
** Must register and pay in full on or before April 5, 2012*
- Full Conference — Regular Price \$1,000
- Additional Registrant (same firm) \$600
- Training Only \$450
- Spouse/Guest Day Pass \$200

REGISTRANT INFORMATION

NAME _____

TITLE _____

COMPANY NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

COUNTRY _____

E-MAIL _____

PHONE _____ FAX _____

Cancellations on or before April 5, 2012, are fully refundable. Cancellations after that date are non-refundable; however, substitutions are allowed.

PAYMENT INFORMATION



CREDIT CARD NUMBER _____

EXPIRATION DATE _____ 3-DIGIT SECURITY CODE _____

PRINT NAME AS APPEARS ON CARD _____

SIGNATURE _____

EVENT CODE: TOTAL DUE: \$

SUBMIT YOUR INFORMATION

FAX: 888-996-3296 | EMAIL: pearl@pearl1.org
MAIL: 4255 S Buckley Road, Suite 118
Aurora, CO 80013

Type of Firm:

- Industrial Facility
- Processing — any
- Utility — any
- Municipality — any
- Electrical Field Service
- Electrical Contractor
- Electrical Distributor
- Electrical Surplus Dealer
- Other Equipment Dealer
- Military
- Government Facility
- Other

May 5-7, 2012 SHERATON STATION SQUARE HOTEL Pittsburgh, PA



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NEW MEMBER BONUS!

Not a member of PEARL yet?

Up to 100% of your conference registration fee will be credited towards your first year's PEARL membership if signed up within 30 days of the end of the conference.



SITE TOURS, PIG ROAST, SHOOTING RANGE & LIVE MUSIC

Saturday, May 5. Bus departs Sheraton Station Square Hotel at 9:00 a.m. for site tour (including shooting range and refreshments) of Voyten Electric & Electronics, Inc. with return to hotel by around 3:30 p.m. Bus departs Sheraton Station Square Hotel at 5:00 p.m. for site tour (including pig roast and live music) of The Motor Control Center. Shuttle service will run a continuous loop between Sheraton Station Square Hotel and The Motor Control Center, leaving Sheraton Station Square Hotel at the top of the hour, and Motor Control Center at the bottom of the hour. Last bus departs The Motor Control Center at 10:30 p.m.

MEET & GREET

Saturday, May 5 from 5:00 – 10:30 p.m., visit The Motor Control Center to meet new and current PEARL members and network with potential members.

Shuttle service will run a continuous loop between Sheraton Station Square Hotel and The Motor Control Center, leaving Sheraton Station Square Hotel at the top of the hour and Motor Control Center at the bottom of the hour. Last bus departs The Motor Control Center at 10:30 p.m.

EXHIBITS

Sunday, May 6 from 8:00 a.m. – 6:00 p.m. Take in the latest and greatest of products, services, and information available. Visit all exhibitors throughout the day and be eligible for a \$500 cash prize.

OPENING RECEPTION

Sunday, May 6 from 4:30 – 6:00 p.m. Connect with your business peers, establish new contacts, and enjoy cocktails and hors d'oeuvres in a relaxed environment overlooking the Monongahela River at the Sheraton Station Square Hotel.

RECEPTION & AWARDS

Monday, May 7 from 3:30-5:00 p.m. Plan to attend as special recognition is given to those who have excelled in their field.

AVIS RENT-A-CAR DEALS

Avis Rent-A-Car is offering special rates for all attendees of the Electrical Safety, Reliability and Sustainability Conference and Exhibition. For reservations call your preferred travel agent or call Avis at 800-331-1600 or access www.avis.com. Mention AWD #J995452 to receive these rates.

HOTEL RESERVATIONS

Room rates for participants are \$174.00 single/double occupancy, plus applicable taxes. Reserve your room by Wednesday, April 4, 2012 and mention "Electrical Safety, Reliability and Sustainability Conference" to receive your special room rate. After April 4, 2012 reservations and rate are subject to availability. Early reservations are recommended as rooms may sell out prior to April 4, 2012.

Sheraton Station Square Hotel 300 W Station Square Drive Pittsburgh, PA 15219
Reservations: (800) 325-3535 (412) 261-2000



For more information, visit www.electricalsafetyandreliability.com

Or call toll-free **877-287-3275**

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