

Message from the President



Engr. Rodolfo R. Peñalosa

PEE, PECE, APEC, ACPE, IIEEF, CEM, CEA, CECO

President of WESTCO Electrical & Equipment Corp.

Dear Partners, Clients, and Team,

I'm proud and excited to share with you the very first issue of TRIDENT—a name chosen with purpose.

As you know, WESTCO and our sister companies, VCP Trading International Corporation, and PamavTech Training Institute and Technology Center are three distinct companies, each with its own mission, operations, and team. Yet behind each of them is a shared foundation: a family vision grounded in excellence, trust, and commitment to service.

The TRIDENT represents these three points—independent, strong, and moving forward—yet rooted in one origin. It is a symbol of unity through diversity, and of collective growth through distinct paths. Since founding WESTCO Electrical & Equipment Corporation in 1990, it has been my enduring mission to provide cutting-edge, reliable solutions in power quality, electrical systems, and energy services. Over the past 35 years, we've earned a reputation for excellence rooted in innovation, expertise, and an unwavering commitment to our clients.

We empower businesses across the Philippines with technology that enhances efficiency, safety, and sustainability. From consulting to equipment services, we deliver tailored solutions that reduce downtime, improve energy use, and ensure reliable power—backed by expert, client-focused support. We are committed to excellence, lifelong learning, and the highest standards in electrical engineering. My certifications and service—including as former PRC Board Chairman—reflect our strong ties to the engineering community.

As we look ahead, WESTCO continues to invest in people, training, and technology—all in support of your evolving needs. Together, we will power opportunities, enable sustainable growth, and deliver the solutions that make a meaningful difference in your operations.

Thank you for your trust and partnership.

TRIDENT

WESTCO Corporate Newsletter

APRIL-JUNE 2025

WHERE INNOVATION, EQUIPMENT, AND EDUCATION ALIGN



WESTCO Shines at IEEE Mid-Year National Convention 2025

Showcasing Innovation at Booth 50-51

Our exhibit featured cutting-edge tools that drew strong interest from engineers, industry leaders, and decision-makers, including:

- **HT Italia Multi-Testers for precise diagnostics.**
- SATIR Infrared Cameras for early fault detection.
- Advanced power quality solutions from Merus Power Active Harmonic Filter and Circutor Power Quality Analyzer.
- Bender Insulation Monitoring Devices for enhanced electrical safety and fault prevention.
- Techimp microAquila Partial Discharge Diagnostic Instrument- a portable, all-in-one device for online and offline partial discharge testing featuring advanced analysis and wireless connectivity for real-time diagnostics.

Empowering Conversations

Beyond technology, the convention provided a valuable platform for engineers and energy professionals to share ideas, discuss challenges, and explore solutions perfectly aligning with Westco's mission to stay engaged, informed, and ready to support the evolving needs of our partners and clients.

Attendees explored how our solutions support reliable, high-quality power systems which are essential for today's demanding energy environment.

Annual Preventive Maintenance Keeps Power Flowing at Magat Hydro

WESTCO's technical team recently completed a major Annual Preventive Maintenance Testing at the 230 kV Switchyard of Magat Hydro Electric Power Plant in Isabela. This critical activity, led by Engr. Alex C. Castro, ensures that Magat's high-voltage apparatus remains reliable, safe, and ready for continuous operation especially important as we enter the typhoon season.

Our expert engineers conducted thorough testing on:

- 15 High Voltage Current Transformers
- 12 Capacitive Voltage Transformers
- 5 SF6 Circuit Breakers (HV Live Tank)
- 17 High Voltage Disconnect Switches
- 24 High Voltage Surge Arresters

Each apparatus underwent industry standards testing procedures, and all units yielded satisfactory results indicating excellent operational health for years to come.



Preventive Maintenance Matters

Regular preventive maintenance:

- Identifies deficiencies before they cause failures
- Prolongs equipment lifespan
- Maintains safe and stable power delivery
- Reduces costly unplanned outages (especially vital during typhoon-prone months)



Efficiency in Action

Thanks to strategic manpower distribution and multiple high-quality test equipment, the team completed the project 5 days ahead of schedule, minimizing plant shutdown and maximizing availability - a win for both reliability and productivity!

Client Testimonial



From Inquiry to After-Sales—WESTCO Delivers Excellence" "We are very satisfied with the service rendered to us. From the initial inquiry to after-sales support, WESTCO exceeded expectations. The entire experience—from product quality, technical support, warranty, and training—was seamless and professional. Our concerns were fully addressed, and it was clear that WESTCO is committed to delivering value and reliability at every step.



Rating: 5/5 - Very Satisfied

- Engr. Jobert T. Joren, EE Sr. Supervisor
SN Aboitiz Power Magat Inc.

FEATURED PROJECT



WESTCO Powers Up Transformer Reliability in Bicol with Myrkos DGA Solutions

Powering Smarter Diagnostics in the Field

In support of its mission to deliver advanced diagnostic technologies and empower the energy and utility sectors across the Philippines, WESTCO successfully deployed the Myrkos Portable Dissolved Gas Analyzer (DGA) and conducted hands-on training on its proper usage for transformer health diagnostics. This initiative was carried out on May 15, 2025, in Sorsogon and June 24, 2025 in Daraga, Albay, addressing the critical need for accurate, real-time analysis in areas with limited laboratory access and broad service coverage.

Background & Industry Challenge

Distribution utilities and power cooperatives face increasing challenges in maintaining the health of their transformer fleets. One key limitation identified during operations in the Bicol Region was the dependence on a single dissolved gas analyzer (DGA), leading to testing delays, restricted coverage, and lag in critical decision-making processes. Accuracy, portability, and response time have become essential in modern asset management. Sending oil samples to centralized laboratories is not only time-consuming but also inefficient during urgent fault diagnostics.



WESTCO's Role and Solution Delivered

WESTCO, as a trusted provider of high-performance diagnostic equipment, supplied the Myrkos Portable DGA Analyzer to improve the capability of maintenance teams in transformer oil testing.

To maximize the benefits of this advanced equipment, WESTCO also conducted comprehensive training in both Sorsogon and Daraga, Albay, focusing on:

- Proper usage of the Myrkos DGA
- Field application techniques
- Interpretation of gas chromatographic data
- Decision-making strategies based on real-time results



Technical Advantages of the Myrkos Portable DGA

The **Myrkos Portable DGA** is globally recognized as the **most accurate portable dissolved gas analyzer** currently available. Key technical features include:



- ✓ Gas Chromatography and Headspace Extraction complies with ASTM D3612 and IEC 60567 standards.
- ✓ Proprietary Shake Test® Syringes enables lab-quality results onsite.
- ✓ Lowest Detection Limits in Its Class
- ✓ Accurately analyzes all 9 critical fault gases across various transformer oil types
- ✓ Built-in Diagnostics and Solubility Coefficients
Minimizes interference and enhances analytical precision

These features ensure quick, interference-free results essential for timely decision-making and effective transformer maintenance.

Key Benefits and Outcomes

- Improved Transformer Health Monitoring
 - ✓ Onsite DGA testing drastically reduces response time
- Enhanced Coverage Area
 - ✓ Addition of new equipment allows simultaneous multi-site testing
- High Accuracy and Reliability
 - ✓ Laboratory-grade performance enables confident, data-driven decisions
- Cost and Time Efficiency
 - ✓ Eliminates delays and logistics costs tied to lab submissions

Driving Impact Through Innovation

By integrating Myrkos Portable DGA Analyzers into field diagnostics and conducting in-depth user training, WESTCO has empowered local utilities in the Bicol Region to elevate their transformer asset management. This initiative not only enhanced technical capabilities but also demonstrated WESTCO's ongoing commitment to modernizing the Philippine power sector through innovation, education, and reliability.

**At WESTCO, we don't just deliver equipment—we empower solutions.
Let's power up your diagnostics today.**

UP NEXT

For the remaining months of this year, get ready for a full lineup of industry-driven Trainings, cutting-edge Solutions, and essential Services that power the future of energy and safety:

Solutions to Watch:

- ✓ Electrical Asset Diagnostics & Testing
- ✓ Power System Performance & Quality
- ✓ Condition Monitoring & Predictive Maintenance
- ✓ Renewable & Insulating System Evaluation

Ongoing Services:

- ✓ Energy Efficiency Audits
- ✓ Power Asset & Transformer Testing
- ✓ PV and Solar Power Services
- ✓ Testing and Commissioning Support

Main Event on the Horizon



IIEE Annual National Convention 2025 50th Annivesary

**VISIT OUR BOOTH TO EXPLORE INNOVATIONS,
LIVE DEMOS, AND EXPERT CONSULTATIONS**

SMX Convention Center Pasay City
November 24 -29 2025



Main Office

8th Floor, 68 Kalayaan
VCP Bldg., Kalayaan Avenue,
Teacher's Village West,
Diliman, Quezon City
1101, Philippines

Contact us

+63 (2) 8365 0068
sales@westco-phil.com
marketing@westco-phil.com