



**Joseph D. Gierlach, Jr.**  
*Vice President - Technical Training & Support*  
ABM Franchising Group



### EDUCATION

In 1984, Mr. Gierlach completed a 3-year Electronic Technology curriculum and entered the United States Air Force.



### MILITARY SERVICE

Mr. Gierlach served 4 years (1984-1988) with the United States Air Force as an Aerospace Ground Support Equipment Technician.



### CERTIFICATIONS

- Certified Electrical Safety Compliance Professional (CESCP) – 2014
- NICET Level 1 Certification – 2014
- OSHA 10 and 30 Hour Outreach Instructor Certification – 2013
- NFPA 70E 3-Day Certificate Course – 2012 (\*renewal scheduled for June 2015)
- ITC Level III Certified Infrared Thermographer (SNT-TC-1A) – 2005
- UE Systems Level II Airborne Ultrasound Certification (UEQ-TC-1A) – 2005



### EMPLOYMENT HISTORY

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- 1988** Shipyard Electrician – Bath Iron Works (Bath, ME)  
• *Construction and testing of electrical, communication, and combat systems on the US Naval Aegis Cruiser*
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- 1988 thru 1997** Maintenance Electrician – Central Florida phosphate and chemical fertilizer mines  
• *Maintenance functions and involvement in preventive maintenance programs including infrared testing*  
• *Work involving process controls, DCS and DDS systems*  
• *PLC process design, installation, programming, and commissioning*
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- 1997 thru 2001** Electrician – Steel pipe production plant  
• *PLC programming, troubleshooting, and repair*  
• *Data highway maintenance and electronic and radio control repairs*
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- 2001 thru 2002** Plant Electrician – Steel pipe production plant  
• *Titanium mill manufacturing raw materials for Boeing, Airbus, and the US military*  
• *Maintenance functions, testing and repair of equipment*



## EMPLOYMENT HISTORY (Continued)

**2002**  
thru  
**PRESENT**

Vice President of Technical Training & Support, ABM Franchising Group

- *Responsible for the development and implementation of the TEGG Operations Initial Training Program*
- *Classroom instructor for the operations and technical sales educational program*
- *Develop hands-on technical experiments to simulate real-world deficiencies in the Technical Lab*
- *Onsite field support of network locations for continued training*
- *Research and development of TEGG's proprietary maintenance software package, TEGGPro*
- *Auditing and continued development of the safety program required for TEGG Service to ensure compliance with the most recent edition of NFPA 70E*
- *Instructor for seminar program, including topics such as NFPA 70E Electrical Safe Work Practices, Safety-Related Maintenance, Power Quality, and OSHA 10 and 30 Hour courses*
- *Instructor of ASNT Level 1 Infrared Certification courses*



## AUTHORED ARTICLES

- "How the Eyes (and IR camera) Can Be Misled" – *Maintenance World* (2004)
- "Can Infrared Inspections Be Accomplished Without Removing Covers?" – *Inframation Conference* (2005)
- "What You Can't See Can Hurt You" – *Ultrasound World Conference* (2008)
- "Something For Nothing Hits Pay Dirt" – *Ultrasound World Conference* (2009)
- "Electrical Equipment Screams for Attention" – *Ultrasound World Conference* (2010)