



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) – 2020 - 2023
- OSHA 10 and 30 Hour Outreach Instructor Certification – 2017 - 2021
- NFPA 70E 3-Day Certificate Course – 2017 - 2023
- ITC Level III Certified Infrared Thermographer (SNT-TC-1A) – 2020 - 2023
- UE Systems Level II Airborne Ultrasound Certification (UEQ-TC-1A) – 2005 - current



EMPLOYMENT HISTORY

- 1988** Shipyard Electrician – Bath Iron Works (Bath, ME)
 - *Construction and testing of electrical, communication, and combat systems on the US Naval Aegis Cruiser*
- 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*
- 1997 thru 2001** Electrician – Steel pipe production plant
 - *PLC programming, troubleshooting, and repair*
 - *Data highway maintenance and electronic and radio control repairs*
- 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)*