

Optional Pre-Continuing Education Courses

Leadership I

Description: Leadership I is guaranteed to inspire you and your team to improve leadership skills that drive achievement. Using the proven Sitkin-Lind Domains of Leadership Model, this training has been customized for our franchises and designed to help mechanical and electrical business leaders build and hone their capacity to lead in an ever-changing work environment.

The course introduces the six behavioral domains every leader should develop and provides information on how to immediately implement each one. Through realistic examples, activities and roleplay scenarios, instructors provide participants with insight into how to improve their leadership skills, as well as the leadership skills of others within your organization.

No fee to participate.

Days & Times: Wednesday, January 28th, 1:00 pm - 4:00 pm | Thursday, January 29th, 8:00 am - 3:00 pm

Before registering for this course, please ensure you have received approval from your Principal or General Manager to participate in Leadership I.

NICET II Prep Course

Description:

This course will help prepare NICET Level I Technicians for the Level II Exam. Topics covered will include visual and mechanical inspections of transformers and regulators, breakers, cables and busways; switchgear, switchboards, and motor control centers; and protective relays and meters, batteries, and rotating machines, as well as basic electrical tests. Electrical Safety including identifying hazards, selecting PPE, and LOTO will also be covered. Class will include both classroom lecture, hands-on activities, and NICET Level II practice test.

The fee for this three-day course is \$1,799 per participant. (ABM Franchising Group will invoice for this fee separately.)

Days & Times: Tuesday, January 27th, 8:00 am - 5:00 pm | Wednesday, January 28th, 8:00 am - 5:00 pm | Thursday, January 29th, 8:00 am - 5:00 pm

Doble Power Factor Testing

Description:

Power factor testing for transformers empowers condition-based maintenance by assessing electrical insulation and measuring insulation losses. This three-day training focuses on the practical knowledge needed for accurate and safe diagnostic testing in the field, including:

- Safety Fundamentals
- Dielectric Theory (Power Factor/Capacitance)
- Introduction to Test Equipment and Test Circuits

- Bushing Testing
- Transformer PF/Cap Testing (2 Winding, 3 Winding, and Autotransformers)
- Exciting Current and Loss Testing
- Winding Resistance Testing
- Turns Ratio Testing
- Leakage Reactance (Impedance) Testing
- Sweep Frequency Response Analysis
- Instrument Transformers (PTs, CTs, CCVTs)
- Surge Arresters
- Circuit Breakers (Oil and SF6) – PF/Cap Testing

The fee for this three-day course is \$1,599 per participant. (ABM Franchising Group will invoice for this fee separately.)

Days & Times: Tuesday, January 27th, 8:00 am - 5:00 pm | Wednesday, January 28th, 8:00 am - 5:00 pm | Thursday, January 29th, 8:00 am - 5:00 pm

Online and Offline Partial Discharge Testing and Diagnostics

Description:

Partial Discharge testing identifies insulation defects in electrical equipment, such as cables, transformers, and motors, by detecting small electrical sparks called partial discharges. This course covers specific application areas, data interpretation, and report generation. Topics include:

- Basics of Detecting Partial Discharge
- Signal Propagation
- Applying Online and Offline Partial Discharge Testing
- Sensors and Application
- Dealing with Noise
- Field Application
- Determining the Best Source for Test Voltage
- Performing Sensitivity Checks
- Online and Offline Testing Conditions
- Understanding Measurements
- Determining Location
- Performing Switchgear Surveys
- Performing GIS Surveys

- Substation and Yard Surveys
- Rotating Machine Surveys
- Medium Voltage Cable Surveys

The fee for this four-day course is \$1,899 per participant. (ABM Franchising Group will invoice for this fee separately.)

Days & Times: Tuesday, January 27th, 8:00 am - 5:00 pm | Wednesday, January 28th, 8:00 am - 5:00 pm | Thursday, January 29th, 8:00 am - 5:00 pm | Friday, January 30th, 8:00 am - 5:00 pm

BINDT Exam per ISO Standard: Infrared Thermography Exam Category I and II

Description:

Anyone who has passed our Infrared Thermography Category I and II classes based on the ISO/PCN program (as listed below) is eligible to take or re-take the respective exam during our proctored Saturday testing at 2026 Continuing Education.

NFPA 70B now requires the qualification of technicians engaged in infrared scanning, and a course alone is not sufficient. Passing this exam will count as qualification. Note that at this time, ABM Franchising Group is the only Authorized Training Organization for this test in North America.

The fee for this exam is \$350 per participant. A review session will be conducted via webinar one week before. (ABM Franchising Group will invoice for this fee separately.)

Day & Time: Saturday, January 31, 8:00 am - 10:00 am