



## Specialized Technical Training

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February 12, 2021

Lonnie L. Paden  
Kankakee County Housing Authority  
185 N Saint Joseph Ave  
Kankakee, IL 60901

RE: Training Proposal for the 2021 IAHA Maintenance Clinic

### SCOPE OF TRAINING

AC/C TECH will conduct two web-based maintenance training programs (3-hours each) for the IAHA (Illinois Association of Housing Authorities) annual maintenance clinic. In reference to the previous communication, the association selected **OPTION 5 - APPLIANCE REPAIR**. Also, the training will be conducted on Wednesday, April 14, 2021.

### **RANGE MAINTENANCE - Wednesday, April 14, 2021 (9:00 am - 12:00 pm)**

This program will develop skills in servicing gas and electric ranges. Students will learn how to repair surface heating components, oven (bake and broil) components, the clock, timer and/or lights, and most importantly, how to make the repairs in a safe, efficient, and productive manner. Students will also learn how to interpret the schematic wiring diagram, and perform planned maintenance activities.

Here is an outline of the program and the order of topics that will be covered.

- Part 1 - Electric Range - Surface Cooking Components
- Part 2 - Electric Range - Oven Components
- Part 3 - Electric Range - Wiring Diagram Interpretation
- Part 4 - Electric Range - Diagnostic and Repair Tips
- Part 5 - Gas Range - Surface Cooking Components
- Part 6 - Gas Range - Oven Components
- Part 7 - Gas Range - Wiring Diagram Interpretation
- Part 8 - Planned Maintenance and Installation Procedures
- Part 9 - Range-Hood Maintenance

**[www.acctech.us](http://www.acctech.us)**

**4415 Forest Manor Ave  
Indianapolis, IN 46226-3080  
317-545-7071 Phone  
317-545-6377 #11 Fax**

## **REFRIGERATOR MAINTENANCE - Wednesday, April 14, 2021 (1:00 pm - 4:00 pm)**

This program will help students understand how a refrigerator works. Each component and its operation are explained in detail and the wiring diagram is explained in sequence of operation for simplicity. Students will also develop skills in diagnostic and repair tips, planned maintenance, and installation procedures.

Here is an outline of the program and the order of topics that will be covered.

Part 1 - Theory, Terminology and Laws of Refrigeration

Part 2 - Anatomy of a Refrigerator

Part 3 - Wiring Diagram Interpretation

Part 4 - Component Test and Evaluation

Part 5 - Compressor Analysis and Change Out

Part 6 - Water Dispenser and Ice Maker

Part 7 - Diagnostic and Repair Tips

Part 8 - Planned Maintenance and Installation Procedures

Part 9 - Safety Tips

Should additional information be desired, please call 317-545-7071, or email me at [IMoorman@acctech.us](mailto:IMoorman@acctech.us).

Sincerely,



Ish Moorman

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