



**North American Technician Excellence
Residential/Light Commercial HVAC Exams**

Hosted by
RSES
Mississippi Valley Chapter

About You

Last Name First Name Middle Initial

Daytime Telephone Number Email Address

Mailing Address (street, apt. number)

City State/Prov. Zip/Postal

About Your Employer

Company Name

Daytime Telephone Number Fax

Mailing Address

City State/Prov Zip/Postal

Test Session Date & Location:

Oct 17, 2008
Clausens Supply Training Room
1219 S. 2nd St.
Clinton, IA 52732
Starting time is 2:45 PM

Exam Information

Please mark each exam for which you are registering. See reverse for more information.

- Core Exam
- Air Conditioning Specialty
- Air Distribution Specialty
- Gas Heating Specialty
- Heat Pump Specialty
- Oil Heating Specialty
- Hydronics Gas Specialty
- Hydronics Oil Specialty
- Light Commercial Refrigeration
- Commercial Refrigeration
- Senior Efficiency Analyst

Technician Information

Please mark ONE technician type. See reverse for more information.

- Installation Technician
- Service Technician

Fees and Payment

Test fees are determined by how many exams you register for.

- Core Exam @ \$105.00 \$ _____
- _____ Specialty Exam(s) @ \$ 105.00 each _____

TOTAL FEES DUE: \$ _____

Method of Payment

- Check or money order MasterCard VISA
- Payable to (Name of Company)*

Credit Card Number Expiration Date (month/year)

Signature of Cardholder

Authorization: By signing and sending in this form, I accept the terms described herein.

Signature of Registrant *Date*

Send form and fees to:
Clausens Supply
Attn: John Clausen
1219 S. 2nd St.
Clinton, IA 52732

DUE BY: (Sep 17, 2008)

Tel: 563-242-4994 Fax: 563-242-7467

Passage of Core and at least one Specialty exam is necessary for certification. The exam session lasts four hours, which is adequate time to take a Core and one Specialty exam.

Exam Registration Information

Step 1 - Tell Us About Yourself

Be sure to include a daytime telephone number so we can call you if we have questions.

Step 2 - Tell Us About Your Employer

Step 3 - What Testing Session Are You Registering For?

Please give day, month and year and location.

Step 4 - Is This Your First Time Taking a NATE Exam?

To achieve certification, you must take and pass both the Core exam and a Specialty exam. If this is your first time taking a NATE Air Conditioning Excellence HVAC exam, you should register for the Core exam and a Specialty exam of your choice.

Step 5 - Do You Need to Take the Core Exam?

Please register for the Core exam if this is your first time taking a NATE Air Conditioning Excellence HVAC exam OR you did not pass the Core exam on a prior attempt.

Step 6 - What Specialty Do You Want To Certify In?

Choose the specialty that matches the equipment and systems you work on, and for which you want to earn certification. Technicians who achieve certification in Heat Pumps are automatically considered certified in Air Conditioning and may order those credentials for a small additional fee.

Step 7 - What Kind of Technician Are You?

Check only one box for the technician type that best describes you. Service technicians are automatically certified as Installation technicians and may order those credentials for a small additional fee.

Step 8 - Payment & Fees

Your total fee is determined by how many exams you are registering for. Payment is due with this form. Please submit by the due date noted.

How Many Certifications Should I Attempt At Once?

NATE *recommends* that the first time you sit for certification, you should register for the Core exam and ONE Specialty exam. Then, when you wish to earn additional certifications, you will have a better sense of how much time it takes you to complete each exam. Remember, each test session lasts four hours.

If you attempt to earn more than one credential in a single test session, and are unable to complete all of the exams, you are not eligible for a refund.

What If I Need to Cancel?

Important Disclaimer

NATE reserves the right to cancel any test score, bar participating in the NATE program, or revoke the certification if NATE has any reason to question the validity of a test score, suspect misconduct at the test center, or suspect the reporting of fraudulent information on the *Registration Form*.

TECHNICIAN TYPES

Installation Technician

Primarily prepares the installation site (including removal of existing HVAC equipment), fabricates connections and assembles systems as specified in the installation instructions.

Must be able to properly power up and set control positions to cycle equipment through primary heating, cooling and blower operation under on-site or off-site supervision of a service technician of applicable specialty. Installation technician takes HVAC specialized readings, such as temperatures, refrigerant circuit pressure and basic VOM electrical readings, with both operating and non-operating equipment, as required by others.

Service technician

Must be able to accomplish same tasks as an Installation technician, as well as be able to independently power up and adjust control settings to cycle equipment through all designed-for sequences. Must be able to acquire, evaluate and interpret such readings as may be necessary to determine the adequacy of, and qualify as acceptable, system operation to meet specifications. Service technician must be able to perform sufficient field diagnostic procedures as necessary to determine causes of inadequate performance and identify corrective actions as needed.

EDUCATION & EXPERIENCE REQUIREMENTS

There are no education or experience requirements to become certified, but at least one year's experience is recommended for Installation certification. If you have less experience, you should have taken and passed the Industry Competency Exam. We recommend at least two years' experience for Service certification. If you become certified as a Service Technician, you are automatically certified as an Installation Technician without additional testing.

EXAM DESCRIPTIONS

Core Exam – 50 Questions

Covers three areas: Safety, Tools, and Soft Skills; Principles of Heat Transfer and Total Comfort; and Electrical

Specialty Exam – 100 Questions

Covers four areas: Installation; Service; System Components; Applied Knowledge, Regulations, Codes, and Design Factors.

- **Residential & Light Commercial Air Conditioning**
Split or package, air to air, hermetic compression
- **Residential & Light Commercial Air Distribution**
Static pressure of one inch or less
- **Residential & Light Commercial Heat Pumps**
Split or package, air to air, hermetic compressor driven
- **Residential & Light Commercial Gas Heating**
All gas-fired, warm-air heating systems
- **Residential & Light Commercial Oil Heating**
All oil-fired, warm-air heating systems

**For questions about this information, please call
NATE toll-free at 877-420-NATE (6283).**