HALIDE REFRIGERANTS CERTIFICATION — HVAC 1150

A. Course Description

- Credits: 2.00
- Lecture Hours/Week: 2.00
- Lab Hours/Week: 0.00
- OJT Hours/Week: 0
- Prerequisites: None
- Corequisites: None
- MnTC Goals: None

This course provides an understanding of characteristics of common refrigerants used in equipment installed and serviced by HVAC/R technicians. This course also addresses environmental concerns, federal and state regulations (Minnesota and Wisconsin) on refrigerants and procedures, and use of recovery equipment. New refrigerants and methods of leak detection will also be covered. Before completing the course, the student will perform hands on recovery procedure. The course includes approved testing to meet EPA technician certification requirements.

B. Course Effective Dates: 8/24/15 – Present

C. Outline of Major Content Areas

- As noted on course syllabus

D. Learning Outcomes

1. Demonstrate proper HVAC/R technician behavior and participate in the ride along days, as well as recognizing, defining and practicing safe work habits.
2. Analyze refrigerants in regards to their mix characteristics, performance, numbers, names and requirements.
3. In accordance with EPA regulations and requirements identify and perform leak testing, refrigerant charging, and recovery techniques.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment

- As noted on course syllabus

G. Special Information

None noted