



Lucas-Milhaupt®  
Brazing University

# BRAZING FUNDAMENTALS

Brazing Fundamentals for installers, contractors and staff

## Are your technicians updated with the latest in brazing developments?



NATE Course ID: 3067-0001  
NATE Approved hours: Four (4)

Covering the following Knowledge Areas of Technical Expertise (KATE's)

- Installer and Service: Air Conditioning - Air to Air
- Installer and Service: Heat Pump - Air to Air
- Installer and Service: Refrigeration Light Commercial
- Installer and Service: Refrigeration Commercial

**Keep your NATE Technicians certified!**

### COURSE OUTLINE CONTENT:

#### BRAZING TERMINOLOGY AND DEFINITIONS

A basic overview of brazing providing personnel a better understanding of the joining method they are employing

#### THE SIX FUNDAMENTALS OF BRAZING

The six steps in brazing that if followed correctly will produce consistent high quality braze joints. Discussion will cover proper heating, alloy application and procedures for torch brazing

#### BASE METALS

Base metals commonly used in the HVAC/R industry

#### CHOOSING THE APPROPRIATE FILLER METAL AND FLUX

Suggested braze alloys and fluxes for different base metal combinations

#### ALUMINUM BRAZE TRAINING

Proper alloys and brazing techniques for repairing aluminum components  
Brazing aluminum to aluminum and brazing aluminum to copper

#### TORCH SAFETY

Safe brazing practices and proper handling of brazing equipment

#### TORCH BRAZING DEMONSTRATION AND TRAINING

Demonstration of brazing methods will be shown at the end of the training session along with time for attendees to practice proper brazing procedures



**Dinner Provided**

Date: Tuesday, December 12th, 2023

Time: 10:00am - 2:00 pm

Location: Thermal Supply Fife  
3400-D Industry Drive E  
Fife, WA, 98424

### REGISTER TODAY!

Attendee Name

Company Name

Phone Number

Email Address

Email your completed registration form to [mmcentire@thermalsupply.com](mailto:mmcentire@thermalsupply.com)