Brazing Engineering Center

The late Robert Peaslee’s tradition continues with the return of the brazing school. The school is held at our Brazing Engineering Center at Wall Colmonoy Aerobraze Division in Cincinnati. Our Brazing Engineering Center provides engineering services and training, as well as offering practical experience on the shop floor!

For over 70 years, Wall Colmonoy engineers have gained practical experience on actual problems in brazing plants around the world. Knowledge and practical application will be taught by our industry-leading brazing experts.

In 1950 Robert Peaslee developed the first nickel-based brazing filler metal, Nicrobraz®. Today, Wall Colmonoy continues to be on the forefront of brazing engineering technology, and the leading manufacturer of an extensive line of nickel-based corrosion resistant brazing filler metals and brazing aids.

Modern Furnace Brazing School will allow you to apply workable solutions to your brazing needs. In fact, bring your brazing questions to the seminar.

Included in this Unique Three-Day Session:

- **Design**: brazing technology, definitions, and joint design.
- **Metallurgical Aspect of Modern Furnace Brazing**: diffusion mechanism and metallurgical reactions between base and filler metal.
- **Controlled Atmosphere**: overview of brazing atmosphere, evaluation and quality control of atmosphere.
- **Furnace**: Type of furnaces, heating methods and furnace controls.
- **Brazing Material Selection**: a detailed look at various nickel-based braze filler metals, brazing aids, use and application.
- **Brazing Operation**: reviews of fundamental pre- and after- brazing cleaning, assembly, fixture, brazing cycles, and other brazing processes.
- **Quality Control**: inspection methods and process controls.
- **Applications and Case Studies**
- **Practical Experience on the Shop Floor**:
  - Pre-cleaning, blasting, selecting fixture, setting the furnace cycle, and examining the brazed parts.
  - Filler Metal Application Methods for various forms:
    - Powders for NicroSpray™ System and other equipment
    - Transfer tape and sheet
    - Pastes for dispensing, screen printing/stencil, and roller coating
The Course Leaders

Wall Colmonoy’s instructors have a wealth of experience within a company that has a brazing legacy spanning more than 70 years. They provide practical solutions to brazing challenges and have the technical know-how to guide you through the brazing process from beginning to end production.

Lydia Lee, BSE, M. Eng, MBA
Director of the Brazing Engineering Center for Wall Colmonoy. Lydia studied brazing with the late Robert Peaslee, as her teacher and mentor. Lydia has over 10 years and 20 sessions teaching and leading the school.

Russ Wilcox, BME, MBA
Technical Sales Manager for Alloy Products. Russ has over 30 years of experience in the brazing industry.

Ron Yarnall
Sales Manager for Wall Colmonoy Aerobraze. Ron has over 35 years’ experience at Aerobraze including but not limited to: Sales Manager, SBU Manager, Quality Manager, and Sales Engineer.

Location and Fees

The cost of the course is $1,995. Additional attendees from the same plant location are $1,895 each. Any cancellations received within two weeks prior to the course will be subject to $600 cancellation fee for each attendee. The course cost also includes Brazing Footprints: Case Studies in High-Temperature Brazing by R.L. Peaslee, the father of Nickel-based brazing.

Sessions will run from 8:30 AM to 5:00 PM each day. Subject to change - agenda will be sent to attendees when finalized

Wall Colmonoy Aerobraze
940 Redna Terrace, Cincinnati, OH 45215

Includes

• Brazing school binder of seminar materials
• Continental Breakfast
• Refreshment between breaks
• Three lunches

Attendees are responsible for

• Lodging cost
• Transportation
• Dinner and incidentals

Hotel Information

For your convenience, we suggest staying at the following hotels located approximately 15 minutes away from the Aerobraze Cincinnati facility:

• LivINN Hotel Cincinnati North/Sharonville, W. livinncincinnati.com, T. (513) 772-7877
• La Quinta Inn & Suites Cincinnati Sharonville, W. laquintacharinville.com, T. (513) 771-0300
• Drury Inn & Suites Cincinnati Sharonville, W. druryhotels.com, T. (513) 771-5601
• Quality Inn & Suites Cincinnati Sharonville, W. choicehotels.com, T. (513) 771-9309
Registration Form - May 12-14, 2020

To enroll, complete Registration Form by clicking here or the link below. If paying by check, send to:

Wall Colmonoy Corporation
Attn: James Nicoll
101 W. Girard, Madison Heights, MI 48071
Tel: 248-585-6400 ext. 233 | Fax: 248-585-7960
brazingschool@wallcolmonoy.com

To register:

Complete the Registration Form by clicking here or visiting https://wallcolmonoy.regfox.com/usa-modern-furnace-brazing-school-may-2020 [Copy and paste link into your browser if the link is not automatically redirecting you]

Payment is due in full by start of session.

Any cancellations received within two weeks prior to the course will be subject to a $600.00 cancellation fee for each attendee.