

# MODERN FURNACE BRAZING SCHOOL



WALLCOLMONOY

## Wall Colmonoy's European Brazing School

### We are pleased to introduce our European Modern Furnace Brazing School!

The late **Robert Peaslee's** tradition continues with a three-day seminar to learn vital aspects of Modern Furnace Brazing. The school will be held at Wall Colmonoy's European Headquarters in Pontardawe, Wales, UK. Our Brazing School provides engineering services and training, as well as offering **practical experience on the shop floor!**

For over 60 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, Microbraz®. 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 overview 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-base braze filler metals, brazing aids, and their 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.
- **Actual 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
    - Screen Printing/Stencil
    - MicroSpray® System
    - Roller Coating
    - Powder
    - Paste Dispensing Systems
    - Transfer Tape



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## The Course Leaders

Wall Colmonoy's instructors have a wealth of experience within a company that has a brazing legacy spanning more than 60 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.

### **Dr Alun Battenbough, PhD, BEng (Hons) MRes**

Technical Services Manager, Alun provides technical support and new product developments within the business.

### **Artur Martin Osmanda, Dipl.-Ing. (Diplom-Ingenieur)**

Manager Alloy R&D, Artur is involved in all technical aspects of the business including vacuum brazing and hard surfacing related projects, product development and technical support.

## Location and Fees

The cost of the course is £1,200. Additional attendees from the same plant location are £1,100 each. Any cancellations received within two weeks prior to the course will be subject to £600.00 cancellation fee for each attendee (50% of total). 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 5:30 PM each day.

Wall Colmonoy Limited  
Alloy Industrial Estate  
Pontardawe  
SA8 4HL

### **Includes**

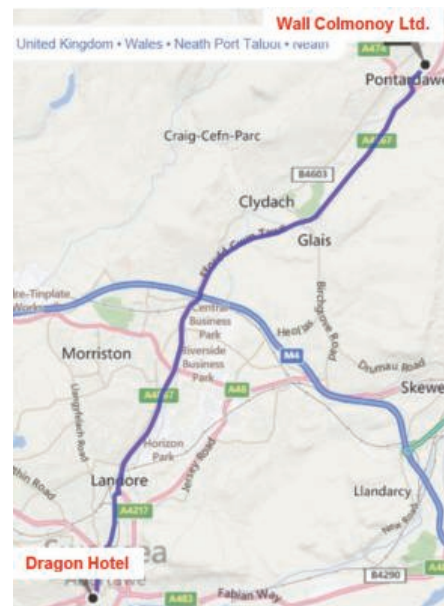
- Brazing school binder of seminar materials
- Tea and Coffee Break
- Refreshment between breaks
- Three lunches

### **Attendees are responsible for**

- Accommodation costs
- Transportation costs
- Dinner and other expenses

### **Additional Information**

For your convenience, we suggest staying at the Dragon Hotel, Swansea, located in the City Centre approximately 15 minutes away from Wall Colmonoy Limited. Ask for Wall Colmonoy's Corporate Rate of £75.00 Bed and Breakfast. For more information, visit the Dragon Hotel's website at: [www.dragon-hotel.co.uk](http://www.dragon-hotel.co.uk) or call +44 (0)1792 657 100



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## Registration Form - 17-19 October 2017

To enroll, simply complete the bottom portion of this form and send along with payment to:

Wall Colmonoy Limited  
Attn: Alise Jeremiah  
Alloy Industrial Estate, Pontardawe, Wales, (U.K.) SA8 4HL  
Tel: +44 (0) 1792 860622 Fax: +44 (0) 1792 869474  
alisejeremiah@wallcolmonoy.co.uk

Please select a method of payment below:

- Cheque - made payable to **Wall Colmonoy Ltd.**
- BACS Transfer - details supplied on request
- PayPal by Credit/Debit Card - details supplied on request

Any cancellations received within two weeks prior to the course will be subject to a £600.00 + VAT (if applicable) cancellation fee for each attendee (50% of total).

Course:

17-19 October 2016

### Register

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

E-Mail \_\_\_\_\_

Attach list of additional attendees.

### How did you hear about our Modern Furnace Brazing School? (Check one)

- From a previous school attendee at my company
- From a Wall Colmonoy sales person  
If so, who? \_\_\_\_\_
- Through technical discussions with Wall Colmonoy
- From an online posting  
If so, which one? \_\_\_\_\_
- My boss recommended that I attend  
If so, how did your boss hear about us? \_\_\_\_\_
- From e-mail I received from Wall Colmonoy
- From the Wall Colmonoy website
- Other \_\_\_\_\_