

Kay & Associates

Aluminum Brazing Seminar

Wednesday, September 22, 2010

- 8:00 Welcome & Orientation – Dan Kay
8:20 Aluminum Brazing Fundamentals* & Metallurgy* -- Dan Kay and Ed Patrick
 (* Including issues of cleanliness, oxidation, gap clearances, phase diagrams, aluminum base metal chemistries and their effects, etc.)
9:15 Break
9:30 Proper Design of Aluminum Brazements, and Selection and Use of Brazing Filler Metals in Aluminum Brazing
 – Ed Patrick and Dan Kay
10:40 Break
11:00 Controlled Atmosphere Brazing (CAB)
12:00 Lunch
 1:00 CAB (Cont'd)
 1:40 Break
 2:00 Vacuum Brazing Aluminum
 2:50 Break (short)
 3:00 Vacuum Brazing (Cont'd)
 4:00 Adjourn to Reception Area

4:00 PM – 6:30 PM Reception in Exhibitor Display-Table Area

Thursday, September 23

- 8:00 Dip Brazing of Aluminum
8:40 Break
9:00 Dip Brazing (Cont'd)
9:40 Break
10:00 Induction Brazing of Aluminum
10:50 Break
11:10 Induction Brazing (Cont'd)
12:00 Lunch
 1:00 Flame Brazing of Aluminum
 1:40 Break
 2:00 Panel Discussion-Part 1: Q&A with the experts on topics covered in the seminar.
 Moderator – Dan Kay
 2:50 Break
 3:15 Panel Discussion-Part 2: Q&A with the experts – (Moderator – Dan Kay)
 5:00 Close

Friday, September 24 -- Optional Golf Day

18-holes of golf at the lovely Simsbury Farms golf course (Simsbury, CT). Electric golf carts provided, as well as complementary bottle of water for each 9-holes.