



Training Course Agenda

PDA #

Title: Glass Breakage Analysis and Fractography

550

DAY 1

8:30 **Trainer Introductions – Training Course Expectations**

8:45 Module 1: From Raw Materials to Glass Containers

9:45 Module 2: Glass Defects, Glass Breakage in the Manufacturing Process

10:00 **Coffee/Tea Break**

10:15 Module 2: Glass Defects, Glass Breakage in the Manufacturing Process (cont.)

11:00 Module 3: Stress and Strain Basics

12:00 **Lunch**

13:00 Module 3:
Introduction to Fractography of Brittle Materials
Fractography and Breakage Analysis: Examples and Hands-on Activity

14:00 **Coffee/Tea Break**

14:15 Module 3:
Introduction to Fractography of Brittle Materials (cont.)
Fractography and Breakage Analysis: Examples and Hands-on Activity (cont.)

16:00 **End of Day 1**

DAY 2

8:30 **Recap Day 1, Pre-view Day 2 and Attendee Questions**

8:45 Module 3:
Introduction to Fractography of Brittle Materials (cont.)
Fractography and Breakage Analysis: Examples and Hands-on Activity (cont.)

10:00 **Coffee/Tea Break**

10:15 Module 3:
Introduction to Fractography of Brittle Materials (cont.)
Fractography and Breakage Analysis: Examples and Hands-on Activity (cont.)

12:00 **Lunch**

13:00 Module 3:
Glass Science – Experiments and Performing a Failure Analysis
Fractography and Breakage Analysis: Pharma Examples and Hands-on Activity (attendee presentations)

14:30 **Coffee/Tea Break**

14:45 Module 3:
Fractography and Breakage Analysis: Examples and Hands-on Activity (cont.)
Q&A

15:00 Module 4: Improving Glass Handling Particles

16:00 **End of Training Course**