



Course Name: Aluminum Essentials

Course Duration: 4 hours

Deployment Option: Onsite Training

Who Should Attend:

Production Scheduling, Raw Material Purchasing, Marketing, Sales, Raw Material, Blending, Melting, Operations and any other employees who are involved in raw materials.

Prerequisites:

Basic technical mathematics.

Course Description:

This four hour training provides a basic overview of the aluminum essentials ranging from Aluminum History through Blending of specific raw material types.

Course Outline:

1. History
 - a. Aluminum
2. Aluminum Processing
 - a. From Ore to Aluminum
 - b. Differences between Production Processes
3. Aluminum Safety
4. Property Modification
5. Raw Materials
 - a. Different Forms
 - b. Melt Rate
 - c. Melt Loss
 - d. MACT
6. Alloy Classifications
 - a. 1XXX, 2XXX, 3XXX, ... 9XXX
7. Blending Introduction
 - a. Corrections
 - b. Conversions
 - c. Alloying

Blending for Professionals

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