



Portland Cement Association

Pulverized Fuel Guidelines for the Cement Industry
Colton, CA - June 3, 2008

- 8:00 SOLID FUELS
- Coal and Coke
 - Overview and Selection
- 9:00 FIRE AND EXPLOSION HAZARDS
- Combustible Dust Explosions
 - Explosion Protection and Prevention
- 10:00 **BREAK**
- 10:15 FUEL HANDLING AND SAFETY ISSUES
- Unloading, conveying, and storage
 - Dosing and Transport
- 11:00 OVERVIEW OF SYSTEMS AND SAFETY ISSUES
- Direct, semi-direct, indirect, drying
- 12:00 **LUNCH** (provided by PCA)
- 12:45 ENGINEERING DESIGN
- System capacity and size
 - Inlet temperatures, dew-points of vent gas, and oxygen levels
 - Design considerations
 - An Introduction to the Matrix Method
- 1:45 OPERATIONS AND MAINTENANCE
- Start-ups, shutdowns, instrumentation and interlocks
 - Emergency procedures
 - Switching or blending fuels
 - Maintenance issues
- 2:45 CODES AND RELATED TRAINING
- 3:15 OPEN FORUM – QUESTIONS AND ANSWERS
- 3:30 **ADJOURN**