



AFS Silica Compliance Seminar

Day 1

Registration opens 7:30 a.m.

SEMINAR OPENS (8:30 a.m.)

SESSION 1: UNDERSTANDING THE NEW SILICA STANDARDS

- Update on Silica Standard Litigation and AFS Fund;
- Understanding dust and respirable silica;
 - Particle size, dispersion, visible dust etc.
 - Common root causes of respirable foundry dust
- Overview of new silica standard;

SESSION 2: SAMPLING

- Sampling strategy;
 - Equipment and analysis
 - In-house or out-sourced. Who do I call?
 - What is a representative sample?

SESSION 3: CONTROLLING SILICA EXPOSURE

- Introduction: What is involved? What resources are available?
- Foundry Experience, Part 1 – Discovering the Sources of Airborne Respirable Silica
- Foundry Experience, Part 2 – Instituting a Program to Control Silica Exposures
- Foundry Experience, Part 3 – Sustaining the Performance of Silica Exposure Control Measures
- Feasibility Considerations and Open Discussion

Day 2

SESSION 4: COMPLIANCE

- Regulated areas;
 - Definition. Moving in and out of regulated areas
 - Open discussion/workshop.
- Housekeeping, sweeping, compressed air;
- Respirator programs;
- Medical Surveillance
 - Medical data. Ownership and use.
- Training;
- Recordkeeping and Data Management

SESSION 5: SAMPLING

Each foundry is encouraged to bring their own collected data. Appointments are available to review and analyze data.

- SAMPLING WORKSHOP
 - Sampling methods. Equipment, calibration and analysis.
 - Real time methods. Exposure mapping
 - Understanding and Interpreting data
 - Self-evaluation vs. outsourcing
 - AFS conversion calculator

CONCLUSION: WRITTEN DOCUMENTATION

- Developing a written exposure control program

Conference concludes 4:00 p.m.