

**NJ Silicosis Outreach and Research (SOAR) Alliance -  
Engineering Controls for Crystalline Silica  
Controlling Dust While Using a Right-Angle Saw**

**Occupational Health Surveillance Program  
Silicosis Surveillance & Intervention Project**



# Right-Angle Saw/Grinder



**Unit purchased without shroud**



**Unit purchased from manufacturer with shroud**

**Shroud ducted to HEPA dust collector**





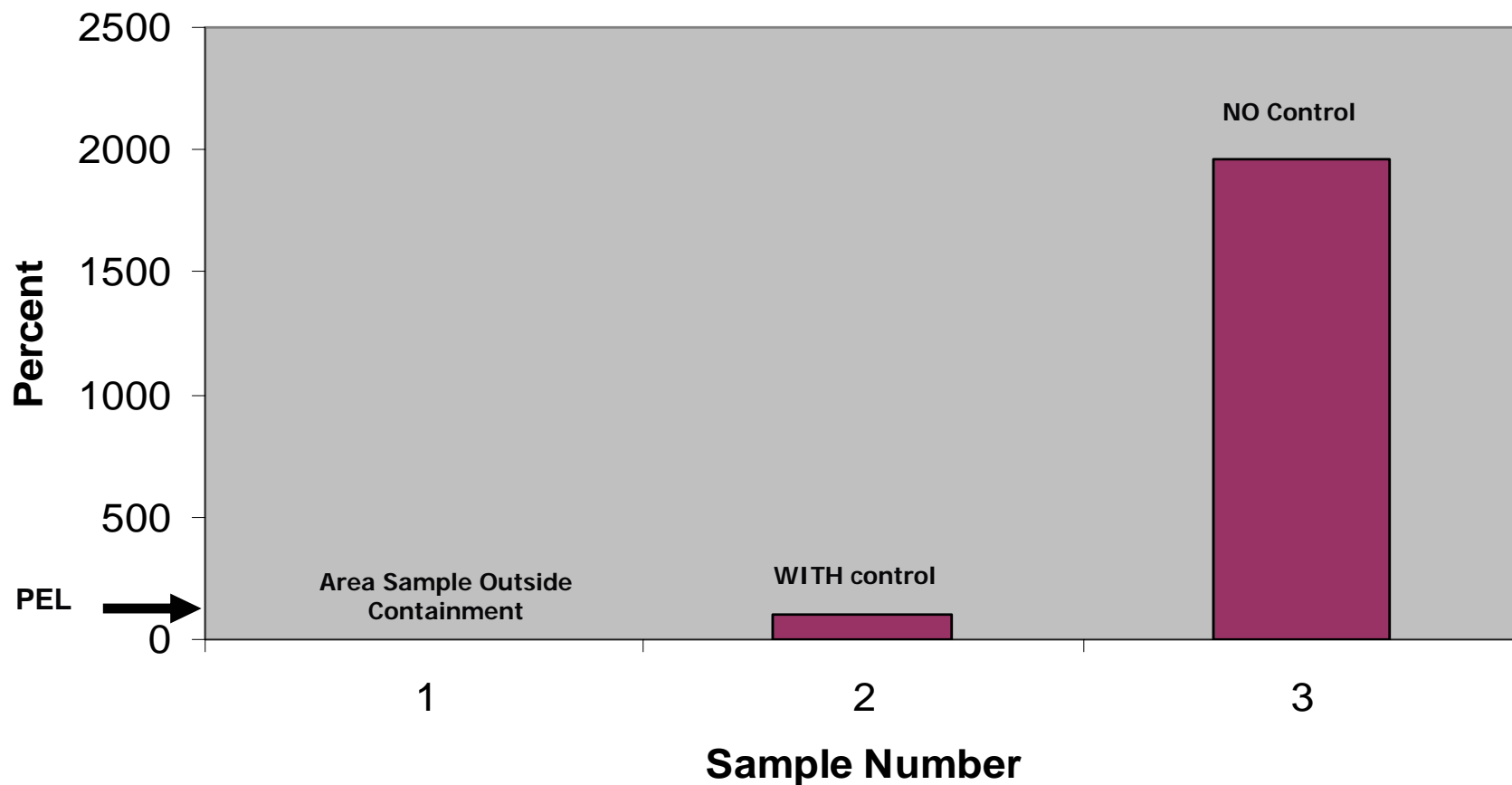
**Without control shroud**



**With control shroud**

# Air-Sampling Results from Overhead Grinding

**PERCENT OF OSHA PEL**  
Silica-Containing Respirable Dust Sample Results



# Contact Information

## NJ Silicosis Surveillance & Intervention Project

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