



RESPIRABLE CRYSTALLINE SILICA SAMPLING

Ensure compliance and defensible
data with SKC PPI Samplers



**Available from SKC or our partner
AIHA-accredited laboratories**

Email SKC for ordering or a list of partner labs at
skcorder@skcinc.com or visit www.skcinc.com/PPI

The Top 3 Reasons to Choose SKC PPI SAMPLERS

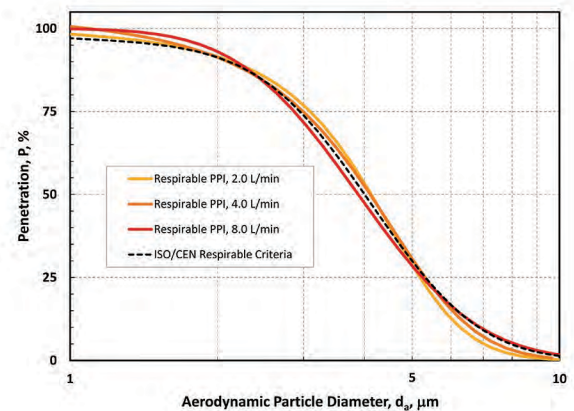
1 OSHA Approval

Published peer-reviewed performance data¹ was submitted to the OSHA docket during silica rulemaking. This resulted in SKC PPI Samplers being listed in the OSHA final Silica Rule as conforming closely to the ISO/CEN respirable convention specified by OSHA.²

“In addition to cyclone samplers, there are also personal impactors available for use at 2 to 8 L/min that have been shown to conform closely with the ISO/CEN convention.” – OSHA Silica Rule

2 Flow Rate Options

Concerned about minimum silica sample volumes for shorter-term tasks? The OSHA Silica Rule describes personal impactors (PPI Samplers) used at 2, 4, or 8 L/min as capable of collecting a quantity of respirable crystalline silica exceeding the quantitative detection limit for lab analysis.² The 4 and 8 L/min PPI Samplers provide the option of shorter sampling durations while maintaining adequate detection by the lab.



Comparison of PPI Samplers' performance with respirable conventions

3 Accurate and Easy to Use

- No sampling invalidation from tipping
- Calibration with adapter – no calibration jar needed
- Available with preweighed filter for general and silica dust
- No assembly
- Single use – no cleaning



SCIENCE. SERVING PEOPLE.
www.skinc.com • 800-752-8472

References

- 1 Trakumas, S. and Salter, F., *Journal of Physics: Conference Series* 151 012060, <https://bit.ly/2U71xSj>, 2009
- 2 *Occupational Exposure to Respirable Crystalline Silica: A Rule by OSHA, Federal Register*, <https://bit.ly/2ZjqDdR>, 2016, p. 16439