

MSHA Compliance Checklist for Mine Operators

Silica Rule and General Site Compliance

1. Exposure Limits and Air Quality

- ☐ Silica exposure stays within 50 µg/m³ (8 hour average)
- ☐ Action level of 25 µg/m³ identified and managed
- ☐ High exposure tasks assessed for dust risk
- ☐ Controls in place for airborne contaminants

2. Monitoring and Sampling

- ☐ Regular dust monitoring completed
- ☐ Sampling aligned with respirable particle standards
- ☐ Results shared with workers
- ☐ Monitoring systems active across site

3. Engineering Controls

- ☐ Dust suppression methods in use
- ☐ Ventilation systems working effectively
- ☐ Cabins filtered and pressurised where required
- ☐ Equipment maintained to reduce dust generation

4. Respiratory Protection

- ☐ Respirators provided where needed
- ☐ Equipment meets required standards
- ☐ Fit testing completed and recorded
- ☐ Workers trained in correct use

5. Training and Competency

- ☐ Workers trained on silica hazards
- ☐ Training includes control measures and PPE
- ☐ Refresher training completed regularly
- ☐ Training records maintained

6. Medical Surveillance

- ☐ Health monitoring program in place
- ☐ Exposure tracking aligned with requirements
- ☐ Workers informed of health results

7. Reporting and Recordkeeping

- ☐ Exposure records maintained accurately
- ☐ Corrective actions documented
- ☐ Records available for inspection
- ☐ Data retention system in place

8. Site Safety and Inspection Readiness

- ☐ Routine workplace inspections completed
- ☐ Hazards identified and corrected
- ☐ Equipment inspected and maintained
- ☐ Compliance documents up to date

9. Emergency Preparedness

- ☐ Emergency response plan active
- ☐ Worker accountability procedures in place
- ☐ Communication systems established
- ☐ Emergency services coordination prepared

10. Continuous Improvement

- ☐ Regular audits completed
- ☐ Issues tracked and resolved
- ☐ Engineering controls prioritised
- ☐ Accountability clearly assigned

Stay compliant. Stay protected.

Talk to BreatheSafe about air quality compliance solutions.
