

Silica Employee Exposure Monitoring Checklist

This inspection covers silica exposure and monitoring standards according to OSHA guidelines. It can be used by safety professionals and other personnel when working in environments with silica exposure.

By:

Date:

Time:

1. Is there silica in the workplace that can be released into the workplace air?	Yes	No	N/A	Comments
2. If "yes", have you made a written determination that states whether any employee may be exposed to airborne concentrations of silica?	Yes	No	N/A	Comments

If "yes" to 2, does the written determination include at least the following:

3. Any information, observations, or calculations that would indicate employee exposure?	Yes	No	N/A	Comments
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4. If employees are exposed to toxic material, statement that exposure is at or above the Permissible Exposure Limit for crystalline quartz?	Yes	No	N/A	Comments
5. Date of determination, work being performed, location within the worksite, identification of employees possibly exposed?	Yes	No	N/A	Comments
6. Any concentration measurements (area or personal) taken? Any comments from medical examinations that may point to possible exposures?	Yes	No	N/A	Comments
7. Any comments from medical examinations that may point to possible exposures?	Yes	No	N/A	Comments

8. Is there any reasonable possibility of any employee being exposed above the Permissible Exposure Limit according to the written determination?	Yes	No	N/A	Comments
9. If "yes", have you measured the exposure of the employee (s) most likely to have the greatest exposure (maximum risk employees)?	Yes	No	N/A	Comments
10. If "no", have you repeated Step 2 and succeeding steps each time there has been a change in production, process, or control measures that could result in an increase in airborne concentrations of any material in Step 2?	Yes	No	N/A	Comments

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If any exposure measurement indicates exposure above the Permissible Exposure Limit, have you:

11. Identified all employees so exposed?	Yes	No	N/A	Comments
12. Sampled those employees so identified?	Yes	No	N/A	Comments
13. Classified all employees according to noncompliance exposure, possible overexposure, or compliance exposure?	Yes	No	N/A	Comments

Have you taken the following actions, depending on employee classification:

14. Resampled employees with noncompliance exposures within 1 month and decided whether controls are to be instituted?	Yes	No	N/A	Comments
15. Resampled employees with possible overexposures within 2 months and reclassified them if appropriate?	Yes	No	N/A	Comments

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16. Resampled employees with compliance exposures every 2 months (or if changes occurred in the operation) and reclassified them if appropriate?	Yes	No	N/A	Comments
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17. Have employees with exposures exceeding Federal standards been informed?	Yes	No	N/A	Comments
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18. Have all employee exposure measurements been properly recorded and filed?	Yes	No	N/A	Comments
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19. Have you instituted appropriate controls for those exposed employees needing them?	Yes	No	N/A	Comments
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20. Write Comments or Remarks here:

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