

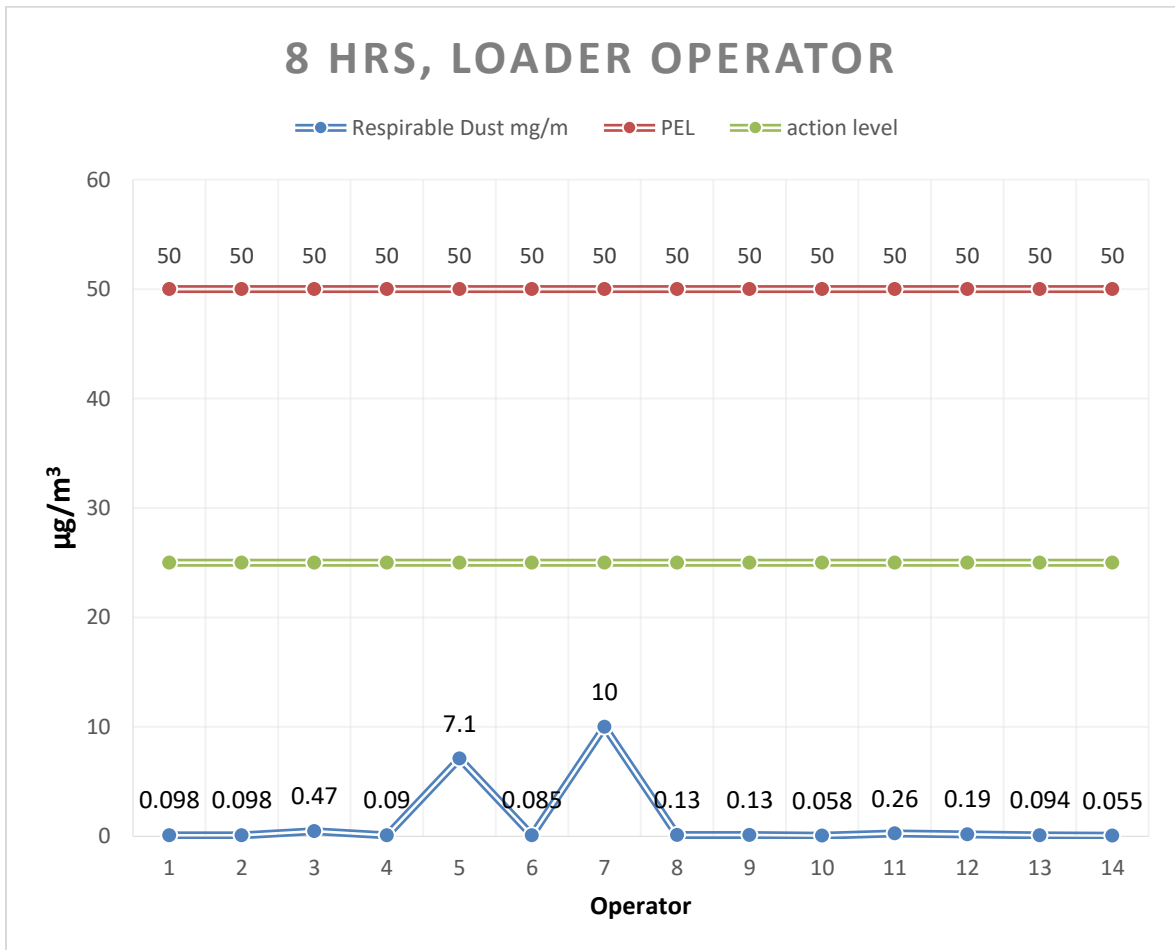
OSHA 29 CFR § 1910.1053
Respirable Silica Dust Exposure
Objective Test Data – Loader Operator

In a closed cab front end loader with heating and air conditioning

Testing has been performed of the above position to determine the operator’s respirable silica dust exposure in accordance with 29 CFR 1926.1153 (d)(2). Testing was performed under the following conditions:

- Sampling Method: NIOSH 0600, 7500 modified OSHA ID 142.
- Enclosed cab.
- Test duration: Samplings are relatively good estimates of eight hour TWA assuming same average exposure for the unmonitored work area.
- Sampler: battery powered personal air-sampling pumps with PVC preweighed filters.
- Samples analyzed by accredited laboratory for industrial hygiene.
- Analysis of airborne exposure performed by X-ray diffraction.
- Temperature, relative humidity, dew point, precipitation and wind conditions were evaluated.

RESULTS:



CONCLUSION: All samples were below the OSHA PEL for respirable dust and silica species. Testing conducted under normal working conditions. Data assessment subject to change outside the scope of normal working conditions.