

Sandblasting

NORTH DAKOTA SAFETY COUNCIL, INC. - PROGRAM EVALUATION FORM

CONTRACTOR NAME: _____

DATE: 9/9/2019

Sandblasting

ITEM NO.	CITATION REFERENCE	DESCRIPTION	Y	N	GUIDANCE / INSTRUCTIONS
SANDBLASTING					
1	1926.21(b)(3)	Does program specify procedures to be used for training of personnel that operate sandblasting equipment and co-workers that have the same exposure?			All employees subject to silica exposure shall be provided information about adverse health effects, work practices, Hazcom, and use and care of personal protective equipment.
Comments / Location:					
2	NIOSH Publication 92.102	Does program address the symptoms of silicosis?			Silicosis is characterized by shortness of breath, fever & bluish skin. It could be diagnosed as pulmonary edema (fluid in lungs), pneumonia or tuberculosis. Silica dust causes severe fungal infections to develop. This condition could be fatal.
Comments / Location:					
3	NIOSH Publication 92.102	Does program discuss the three (3) types of silicosis?			<u>Chronic</u> -10 years exposure to low concentrations. <u>Accelerated</u> -Exposure to high concentrations & develops 5-10 yrs. after initial exposure. <u>Acute</u> -Exposure to extremely high concentrations & symptoms develop within a few weeks to a few years.
Comments / Location:					
4	NIOSH Publication 92.102	Does program specify methods of engineering controls?			1. Use of an alternate blasting media. 2. Containment methods such as blast cleaning machines & cabinets, blasting rooms or portable equipment.
Comments / Location:					
5	NIOSH Publication 92.102	Does program specify that air monitoring should be performed?			Air monitoring should be performed to measure worker exposure to airborne crystalline silica and to provide a basis for selecting engineering controls.
Comments / Location:					
6	NIOSH Publication 92.102	Does program address personal hygiene?			1. All sandblasters should wash their hands & faces before eating, drinking or smoking. 2. No eating, drinking or tobacco products in the blasting area. 3. Workers should shower before leaving worksite. 4. Vehicles should not be parked in contaminated area.
Comments / Location:					
7	NIOSH Publication 92.102	Does program address protective clothing?			1. Workers should change into disposable or washable work clothes at the worksite. 2. Workers should change into clean clothing before leaving the worksite.
Comments / Location:					
8	NIOSH Publication 92.102	Does program address respiratory protection regulated by 29 CFR 1910.134?			If engineering controls cannot keep silica exposures below the NIOSH PEL, respiratory protection must be used.
Comments / Location:					

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9	NIOSH Publication 92.102	Does program specify medical monitoring of workers exposed to crystalline silica?			Such examinations should occur before job placement & at least every 3 years thereafter. More frequent examinations (for example, annual) may be necessary for workers at risk of acute or accelerated silicosis. Exams should include at least the following items: 1. A medical & occupational history to collect data on worker exposure. 2. Chest X-rays. 3. Pulmonary function testing. 4. Annual evaluation for tuberculosis.
Comments / Location:					
10	NIOSH Publication 92.102	Does program specify warning signs be posted?			Signs should be posted to warn workers about the hazard and specify any protective equipment required.
Comments / Location:					
11	NIOSH Publication 92.102	Does program address surveillance and disease reporting?			NIOSH encourages reporting of all cases of silicosis to the State Health Departments and to OSHA or MSHA.
Comments / Location:					

EVALUATED BY: _____
NDSC

REVISED 10/10/16

Auditor Comments:

- Item 1 _____
- Item 2 _____
- Item 3 _____
- Item 4 _____
- Item 5 _____
- Item 6 _____
- Item 7 _____
- Item 8 _____
- Item 9 _____
- Item 10 _____
- Item 11 _____

Audit Reference:

Disclaimer: The information contained in these forms, questionnaire and monitoring procedures is provided as written guidance to assist contractors in complying with the OSHA regulations and/or operator requirements. NDSC, the operators who participated in the development of this program and their employees disclaim all warranties both express and implied. The information presented here will give contractors a reference document, which should be used as guidance or as a "first step" towards getting your company into compliance. This monitoring program is based on sound safety and environmental concerns. We urge contractors to view their OSHA and DOT compliance efforts as a way to make their workplace safer for their employees. Each contractor is still responsible for full compliance of all applicable State and Federal regulations.