

Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

February 2016



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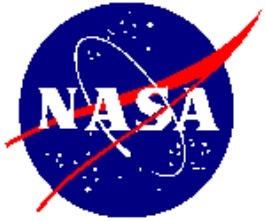
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Construction Safety Findings: 01-05 February 2016

Findings Total: 4

Mishaps / Close Calls: 0

-Findings: 4

1. On 2/4/16, an unannounced inspection of the B2 Lead Paint Abatement containment area by NASA and S3 IH personnel was performed. The inspection revealed the following noncompliances:

Urine stored in water bottle inside the lead containment:

- 1926.51(a)(3) Any container used to distribute drinking water shall be clearly marked as to the nature of its contents and not used for any other purpose.
- 1926.51(c)(2) Under temporary field conditions, provisions shall be made to assure not less than one toilet facility is available.
- 1926.62(e)(1) Engineering and work practice controls. The employer shall implement engineering and work practice controls, including administrative controls, to reduce and maintain employee exposure to lead to or below the permissible exposure limit ...
- 1910.1200(f)(10) The employer shall ensure that workplace labels or other forms of warning are legible, in English, and prominently displayed on the container

Drinking water bottles observed inside the containment:

- 1926.62(i)(1) The employer shall assure that in areas where employees are exposed to lead above the PEL without regard to the use of respirators, food or beverage is not present or consumed, tobacco products are not present or used, and cosmetics are not applied.



Construction Safety Findings: 01-05 February 2016

Contaminated blast helmet and shroud (respirator) stored in contaminated containment:

- 1926.62(g)(2)(v) The employer shall assure that contaminated protective clothing which is to be cleaned, laundered, or disposed of, is placed in a closed container in the change area which prevents dispersion of lead outside the container.
- 1926.62(g)(2)(iv) The employer shall assure that all protective clothing is removed at the completion of a work shift only in change areas provided for that purpose as prescribed in paragraph (i)(2) of this section
- 1926.62(i)(2)(ii) The employer shall assure that change areas are equipped with separate storage facilities for protective work clothing and equipment and for street clothes which prevent cross-contamination.
- 1926.103 and [1910.134\(h\)\(2\)](#) Storage. The employer shall ensure that respirators are stored as follows: All respirators shall be stored to protect them from damage, contamination, dust, sunlight, extreme temperatures, excessive moisture, and damaging chemicals.

Urine (Inside the Containment/Work Area)



Water Bottles Inside Containment/Work Area



Improper Storage
of PPE
(Inside the Containment/Work Area)



Improper Doffing of PPE
Bag should be located closer to the dirty room

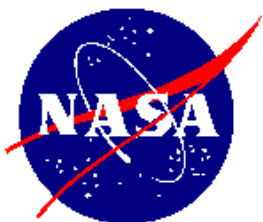


Storage of Negative Air Machine Filters
Inside the
Containment/Work Area



Leaf Blower Located Near the Dirty Room





Construction Safety Findings: 08-12 February 2016

Findings Total: 1

1. On 2/9/16, an inadequately protected 220 volt temporary service line was discovered at B2 Level 3, south, during a planned safety walkthrough. The service power cord with oil resistant outside jacket (or "SO" service) had been run through an external doorway from a panel and was crushed in two locations. 29CFR1926.403 i (2) (ii)

Mishaps / Close Calls: 1

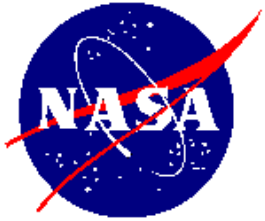
-Close Calls: 1

1. On 2/6/16, during a scheduled outage for the B T/S potable water tie-in, the heat lift system source water return line from building 4220 to building 4400 was accidentally damaged. A large thrust block securing a 4" tee was poured south as far as the water return line. As the excavator operator removed the concrete, the double walled, hot water return line outside jacket was damaged.





Thrust block is 7 ft. wide by 2'8" thick by 8'6" deep for a 4" pipe tee. The design plan detail is for a 6" tee and associated block which is 36" wide by 24" thick by 18" deep.



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Construction Safety Findings: 15-19 February 2016

Findings Total: 0

Mishaps / Close Calls: 0



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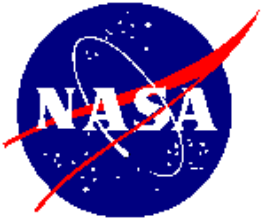
Construction Safety Findings: 22-26 February 2016

Findings Total: 0

Serious Findings: 0

Less than Serious Findings: 0

Mishaps / Close Calls: 0



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Questions?

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