



Mission Success Starts With Safety



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# SSC Construction Contractor Safety Meeting

November 04, 2021



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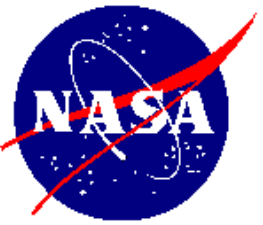
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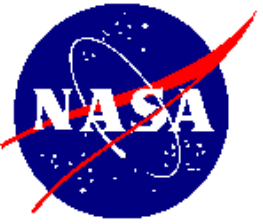
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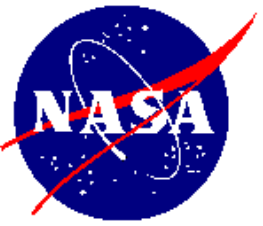


# Construction Safety

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SSC Construction Inspection  
Safety Findings/Stats

October 2021



# Construction Safety Report: 01 October – 16 October 2021

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**Findings: 0**

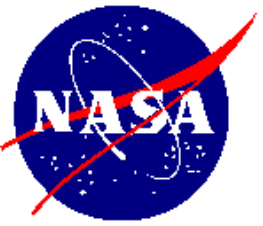
**Level 1 Severity : 0**

(Corrected on the spot)

**Level 2 Severity : 0**

(Corrective action documented)

**Mishaps: 0 / Close Calls: 0**



# Construction Safety Report: 24 October– 30 October 2021

## Findings: 4

On October 26<sup>th</sup> and 28<sup>th</sup>, site visits were performed by NASA SMA. Several findings were observed and noted during this time.

## Level 1 Severity: 3

- Contractor was observed without proper safety eyewear. Corrected on spot. *Ref: 29CFR1926.102 (a)(1). SHEtrak ID# 112899.*
- Contractor was observed without proper safety eyewear. *Ref: 29CFR1926.102 (a)(1). ID#112904*
- A set of lifting slings were observed on site without the required hook safety latches attached. Removed from site. *Ref: 29CFR1926.1433 (d)(4)(i). SHEtrak ID# 112900*

## Level 2 Severity: 1

- Contractor was observed occupying an improperly sloped and non shielded excavation. *Ref: 29CFR1926.652 (a)(4)(i). SHEtrak ID# 112901*

Contractors were also observed climbing under an exposed low voltage electrical wire from a separated conduit joint. *29CFR1926.416(a)(1)*

**Mishaps: 0 / Close Calls: 0**



## PPE Violation

Contractor not wearing the required safety eyewear





# Lifting hooks without required safety latches





# Improper Excavation





# Discussion Topics

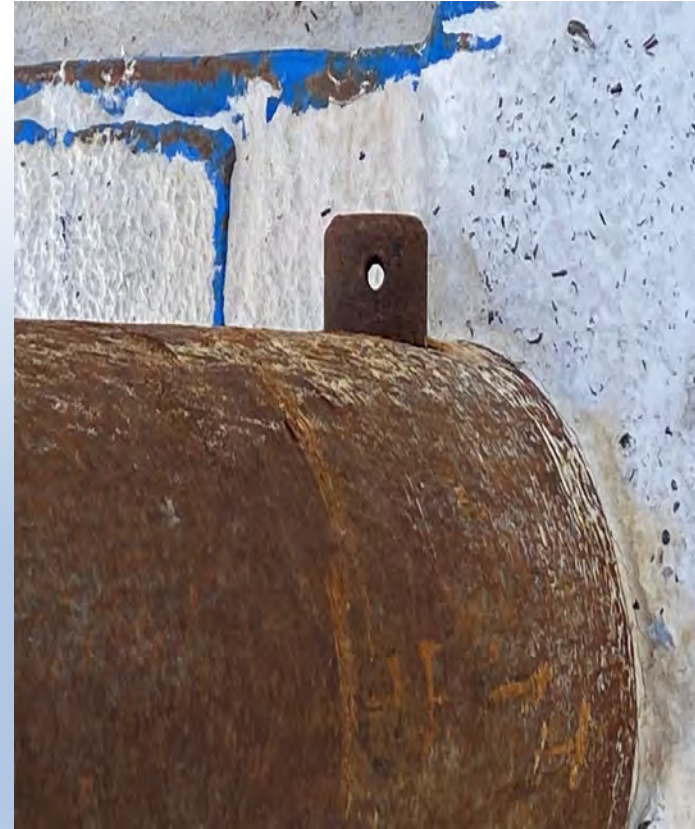
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- SSC Safe at Work Protocol Updates
  - <https://sscsos.com/>
- Recent Safety Observations
- Other

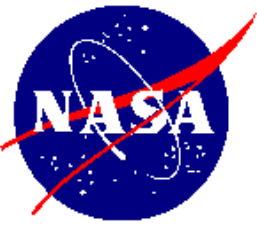




# Recent Safety Observations



Missing Trench Box Pins  
(box was not in use)



# Stop Use Notice

3M Fall Protection

October 2021

## STOP USE AND INSPECTION NOTICE

### IMMEDIATE ACTION REQUIRED

Remove product from service until inspection is performed.

Specific 3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook

As part of 3M Fall Protection's ongoing commitment to delivering high quality safety equipment, we are notifying our customers of the following information related to specific versions of the 3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook. 3M Fall Protection has identified a very low potential for the DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook to be assembled with an unformed top swivel eye rivet. An improperly formed rivet may become displaced from the top swivel eye. An unformed rivet may result in the SRL becoming detached from the anchor hook, which could result in severe injury or death. Due to this, we are sending out an inspection notice as this issue can be detected by inspecting the self retracting lifeline as shown below.



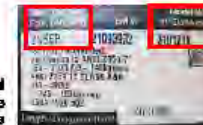
| Product  | Date of Manufacture                         | Part / Model Number | Standard    | 3M Customer Service Contacts   |
|--|---|---------------------|-------------|--|
| 3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook, Single Leg, Web | Between September 1, 2020 - August 31, 2021 | 3101215             | ANSI / OSHA | Email: <a href="mailto:3mfallprotection@3m.com">3mfallprotection@3m.com</a><br>or call<br>1-833-638-2897 |
|  |   | 3101219             |             |  |
|  |   | 3101188             | CSA         | Email: <a href="mailto:3mfallprotection@3m.com">3mfallprotection@3m.com</a><br>or call<br>1-833-638-2243 |
|  |   | 3101225             |             |  |
|  | 3101224                                     |                     |             |  |
|  |   | 3101249             |             |  |

We are not aware of any accidents or injuries related to the condition described above.

End Users: Please follow the steps listed below.

Step 1: Remove product from service until inspection is performed.

Step 2: Locate the label on the device (see photograph to right) to determine the model number and if it was manufactured between September 1, 2020 and August 31, 2021. If the device is an impacted model and was manufactured during the affected date range, please continue to Step 3.



Step 3: Once you have confirmed the part number & affected date, inspect the connection from the self retracting lifeline top swivel eye to the anchor hook to ensure the rivet is properly formed, as shown in the images below. If the device passes the inspection, it is acceptable for use. If the device does not pass inspection, contact our Customer Service Department to arrange to have the device replaced, as per our standard warranty. Some small backward forth motion of the rivet is expected while pushing or pulling on the rivet. If the rivet can be removed, remove the device from service.



If you have any questions, please contact the 3M Fall Protection Customer Service Team. A copy of this notice can be found at <http://go.3m.com/NanoLokInspection>.

Distributors: Please contact the 3M Fall Protection Customer Service team to obtain a listing of all affected 3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifelines sold to you. Please forward this "Stop Use and Inspection Notice" to any of your customers/users who have purchased the devices listed above from you. If you have any inventory of the affected models, please contact our Customer Service department to have them returned.



# Michoud Assembly Facility (MAF) Heavy Equipment Close Call

On September 28, 2021, a MAF Contractor heavy equipment operator was setting up a 90-ton crane to make a lift and hit a gate resulting in damages to the gate (no damage to the crane).  
The assigned spotter was not present at the time of this operation.

## Situational Awareness

- Utilize a spotter to safely maneuver motorized equipment in congested areas
- Spotters should be utilized any time you are operating a piece of equipment, or any motorized vehicle in a congested area or a high hazard area
- If you don't have a spotter and need one, STOP!
- Pay attention to your surroundings such as structures, obstacles, people, equipment, roadways, ditches, etc.
- You should note the proximity of any obstacle to your equipment or vehicle and plan your route prior to moving!

**G.O.A.L**

***Get Out And Look!***

***Remember, hazard identification and mitigation are keys to your safety!***

Per the SSC Construction Safety and Health Program document ([SCWI-8715-0008](#)), equipment pre-use inspections are required, and heavy equipment operations are to be conducted by a "competent person" which is also defined in the document.



# How Do I Prevent Hearing Loss from Loud Noise?

The effect of noise on hearing depends on how loud it is (sound intensity) and how long it lasts (duration). Avoiding noisy situations is the best prevention. If you can't avoid the noise, use adequate hearing protection.

## If You Need to Shout... the Sound is Too Loud

Even without a device to measure sound, you can typically tell if the noise around you is too loud. If you or others need to shout in order to be heard or cannot understand each other even at arm's length away, the sound is too loud and may damage your hearing over time.

## Ways to Protect Your Hearing

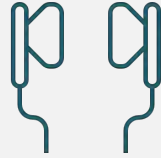
- 🔊 Turn the volume down
- 🔊 Walk away from the loud noise
- 🔊 Take breaks from the noise
- 🔊 Avoid loud, noisy activities and places
- 🔊 Use hearing protection

### NOISE LEVELS BY DECIBELS

|   |           |
|---|-----------|
| Pneumatic Precision Drill               | 119       |
| Hammer Drill                            | 114       |
| Chain Saw                               | 110       |
| Spray Painter                           | 105       |
| Hand Drill                              | 98        |
| <b>NIOSH Recommended Exposure Limit</b> | <b>85</b> |
| Normal Conversation                     | 60        |
| Whisper                                 | 30        |

## Earbuds

When working on a computer or going for a run, chances are you or a family member use an iPod or similar personal listening device. With increased popularity in these products, the use of earbuds has increased resulting in an expanding population at risk for noise-induced hearing loss.



Studies show that when delivered directly to the ear via an earbud or headphone, the sound level emitted far exceeds the level of noise known to cause hearing loss. Personal listening devices can deliver sound at levels ranging from 100 to 115 dBA when played at full volume. These levels can cause long-term hearing damage if used frequently and for long durations. At 115 dBA, an allowable workplace exposure would be less than 15 minutes, and hearing protection would be necessary.

Protect your hearing and encourage those close to you to follow sensible practices. Try following the 60/60 rule; this approach suggests listening to your personal listening device at no greater than a 60 percent volume level for no more than 60 minutes at a time. A subsequent rest period will give the delicate hair cells lining the inner ear time to recover from the noise. This simple technique limits the sound reaching the inner ear to levels below the thresholds known to cause noise-induced hearing loss.





# Questions



<http://constructionsafety.ssc.nasa.gov/>