



Mission Success Starts With Safety



# Construction Safety

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SSC Construction Inspection  
Safety Findings/Stats

March 2018



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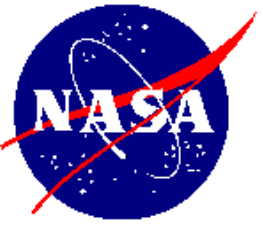
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# Construction Safety Report: 01 – 03 Mar 2018

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## Level 1 Severity : 2

(Corrected on the spot)

- **Compressor and Air Dryer replacement:** Contractor was standing improperly on an “A” frame ladder. Ref: 29CFR1926.1053 (b)(13) SHEtrak closed ID#: 85073
- **Compressor and Air Dryer replacement:** Contractor improperly tied his harness lanyard back to his harness lanyard. His lanyard did not have the required lanyard connecting ring. Ref: 29CFR1926.95 (b) SHEtrak closed ID#: 85075

## Level 2 Severity : 0

(Corrective action documented)

## Mishaps: 0 / Close Calls: 0

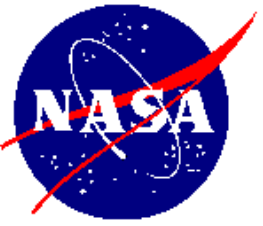


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# Construction Safety Findings:





# Construction Safety Report: 05 Mar – 10 Mar 2018

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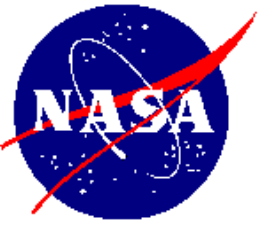
**Level 1 Severity : 0**

(Corrected on the spot)

**Level 2 Severity : 0**

(Corrective action documented)

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



# Construction Safety Report: 12 Mar – 17 Mar 2018

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## Level 1 Severity : 0

(Corrected on the spot)

## Level 2 Severity : 0

(Corrective action documented)

## Mishaps: 0 / Close Calls: 1

- **HPG Phase II** While performing earth auguring near A-2 on March 16<sup>th</sup>, the augur struck an underground buried line approximately 18-24 inches deep. (The auger drills holes for sonotubes which are used as base supports for the new above ground gas lines.) The underground line was not identified by utility locators, and not marked on the locate map. The line was later determined to be buried, not energized, and abandoned. A 1627 was prepared and submitted.





# Construction Safety Findings:





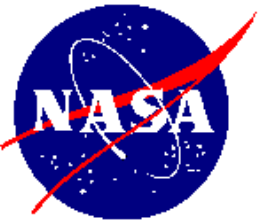


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# Construction Safety Findings:





# Construction Safety Report: 19 Mar – 24 Mar 2018

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## Level 1 Severity : 0

(Corrected on the spot)

## Level 2 Severity : 0

(Corrective action documented)

## Mishaps: 0 / Close Calls: 1

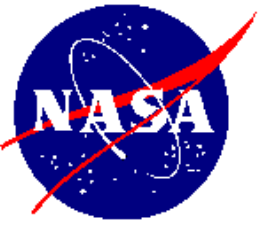
- **HPG Phase II** While performing earth auguring near A-2 on March 19<sup>th</sup>, the augur struck an underground buried line approximately 3-4 feet deep. (The auger drills holes for sonotubes which are used as base supports for the new above ground gas lines.) The underground line was not identified by utility locators, and not marked on the locate map. The line was later determined to be a 12" HDPE water line. S-3 placed a protective sleeve over the pipe scar. The HDPE never leaked any water. A 1627 was prepared and submitted.





# Construction Safety Findings:





# Construction Safety Report: 26 Mar – 31 Mar 2018

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## Level 1 Severity : 1

(Corrected on the spot)

- **Fire X Piping** - Contractor failed to use required ground fault circuit interrupter.  
Ref: 29CFR1926.404 (b) (1) (ii). SHEtrak Closed. ID# 85627

## Level 2 Severity : 0

(Corrective action documented)

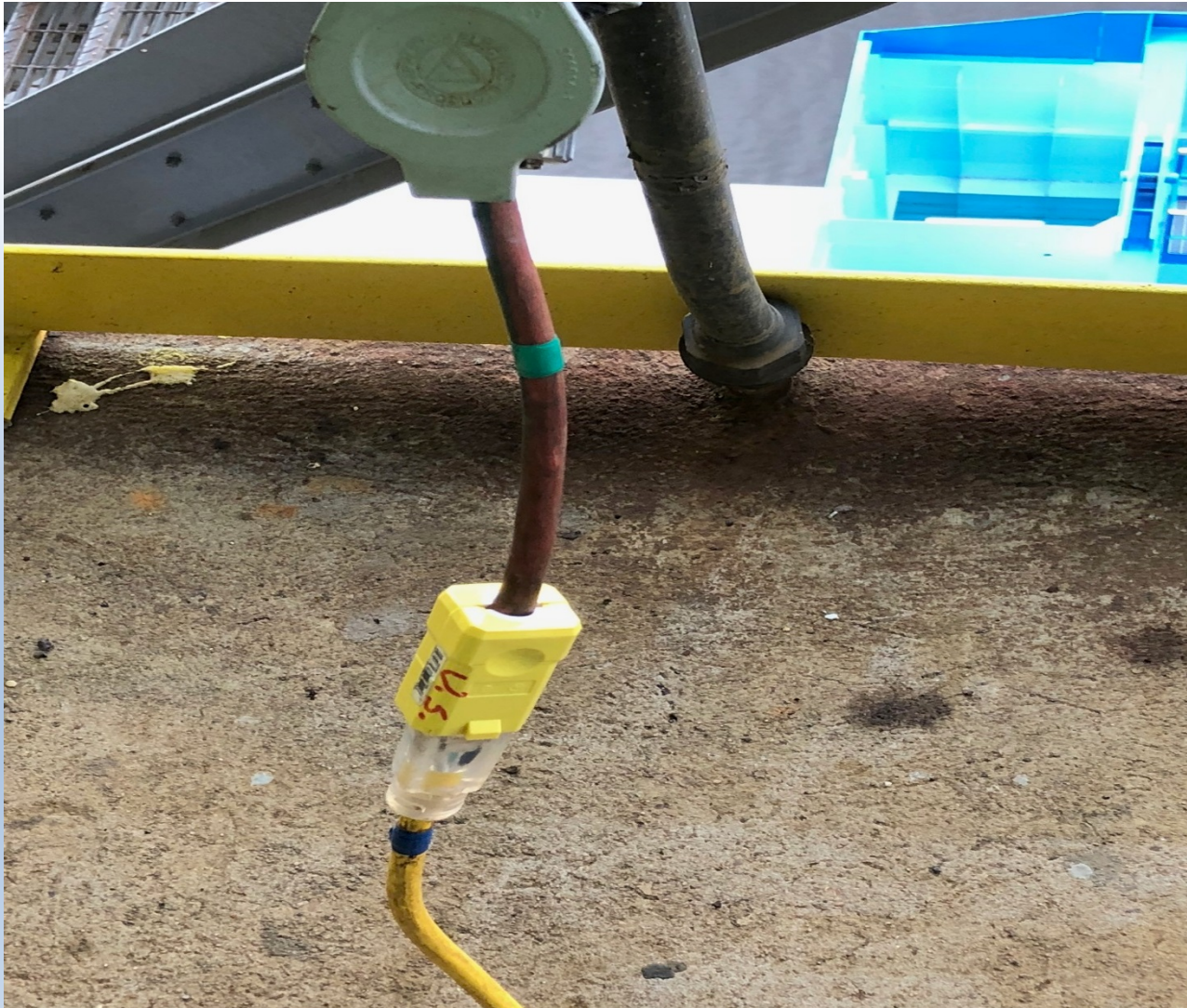
## Mishaps: 1 / Close Calls: 0

**Fire X Piping** – Contractor was hauling pipe to B2 with 40' trailer when taking a right hand turn, his bottle of water fell into his lap creating a distraction which led to the trailer striking the pole





# Construction Safety Findings: 26 Mar – 31 Mar 2018







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# Construction Safety Findings: 26 Mar – 31 Mar 2018







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# NASA Emergency Management Tornado Preparedness



# Tornado Preparedness at SSC



## How Will I Get Notified Of A Tornado At Stennis?

- If a Tornado Warning is issued by the National Weather Service for Stennis Space Center (SSC), you will be notified by the following methods
  - The SSC Outdoor Weather Warning System will send out a tone and message through the outdoor speakers  
<https://ssccommunity.ssc.nasa.gov/ONS/index.asp>
  - System will also send out an email to your work email address
  - If you have downloaded and installed the SSC Site Status App on your mobile device you will get a push notification as well

Additionally, you may visit this website (<https://ssccommunity.ssc.nasa.gov/ONS/index.asp>) or click on the “Outdoor Notifications” tab in the Site Status App to listen to the tones and message annunciations.

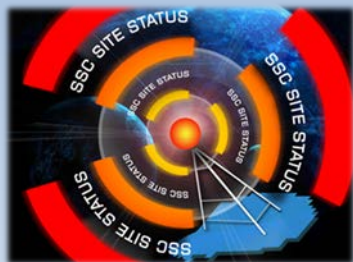


# Tornado Preparedness at SSC



## How Do I Download The SSC Site Status App?

- To download the SSC Site Status App follow the following links from your mobile device:
  - Google Play: <https://play.google.com/store/apps/details?id=gov.nasa.ssc.SiteStatus&hl=en>
  - Apple App Store: <https://itunes.apple.com/us/app/ssc-site-status/id706044417?mt=8>



# Tornado Preparedness at SSC



## What Should I Do At SSC If I Am Notified Of A Tornado Warning?

If you are:	Then:
In a sturdy building or structure	<ul style="list-style-type: none"><li>❖ Go to the lowest level of the building when the warning sounds</li><li>❖ Take cover in an internal hallway, closet or small room, away from windows</li><li>❖ Put as many walls as possible between you and the outside. Get under a sturdy table if available and use your arms to protect your head and neck.</li></ul>
In a mobile work trailer or office	<ul style="list-style-type: none"><li>❖ Get out immediately and go to a pre-identified location such as the lowest floor of a sturdy, nearby building. Mobile homes, even if tied down, offer little protection from tornadoes.</li></ul>
Outside with no shelter	<p>If you are not in a sturdy building, there is no single research-based recommendation for what last-resort action to take because many factors can affect your decision. Possible actions include:</p> <ul style="list-style-type: none"><li>❖ Get into a vehicle, buckle your seat belt and try to drive to the closest SSC building to seek shelter. If your vehicle is hit by flying debris while you are driving, pull over and park.</li><li>❖ Take cover in a stationary vehicle. Put the seat belt on and cover your head with your arms and a blanket, coat or other cushion if possible.</li><li>❖ Lie in an area noticeably lower than the level of the roadway and cover your head with your arms and a blanket, coat or other cushion if possible.</li></ul> <p><b>Your choice should be driven by your specific circumstances</b></p>



# Tornado Preparedness at SSC

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## How Will I Know When The Emergency Has Ended?

- After an all clear is issued:
  - The SSC Outdoor Weather Warning System will send out an emergency all clear message through the outdoor speakers as well as the email and push notification to the SSC Site Status App <https://ssccommunity.ssc.nasa.gov/ONS/index.asp>
  - You are to resume normal activities



# Questions/Discussion

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