



Mission Success Starts With Safety



# SSC Construction Contractor Safety Meeting

October 01, 2020



Mission Success Starts With Safety



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NASA Safety

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B2 Test Stand

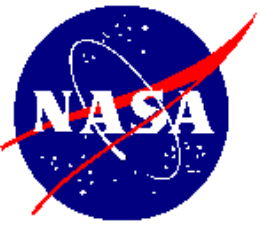
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A1 Test Stand

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



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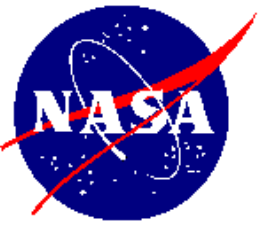
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<http://constructionsafety.ssc.nasa.gov/>



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# Construction Safety

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SSC Construction Inspection  
Safety Findings/Stats

September 2020



# Construction Safety Report: 01 September – 10 September 2020

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**Findings: 0**

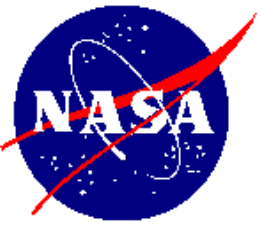
**Level 1 Severity : 0**

(Corrected on the spot)

**Level 2 Severity : 0**

(Corrective action documented)

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



# Construction Safety Report: 11 September – 17 September 2020

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**Findings: 0**

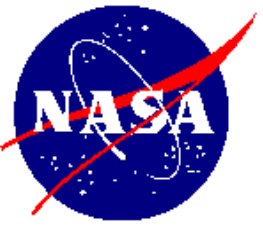
**Level 1 Severity : 0**

(Corrected on the spot)

**Level 2 Severity : 0**

(Corrective action documented)

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



# Construction Safety Report: 18 September – 24 September 2020

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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: 25 September – 30 September 2020

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**Findings: 0**

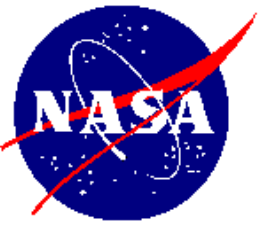
**Level 1 Severity : 0**

(Corrected on the spot)

**Level 2 Severity : 0**

(Corrective action documented)

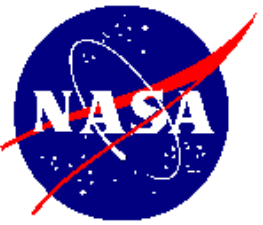
**Mishaps: 0 / Close Calls: 0**



# Discussion Topics

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- Monthly Mishap Exposure Report
- SSC Covid-19 Safe-at-Work Protocol Updates  
<https://sscsos.com>
- SCWI-8715-0008 Updates
  - Monthly SSC Construction Contractor Orientation Training
  - Safety and Health Plan Requirements
  - Specific Requirements Overview
  - Other

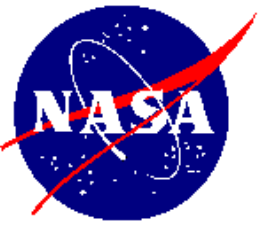


# SCWI-8715-0008

## Contractor Orientation Training

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- All employees are required to complete the SSC Orientation training can now be accessed at the following website: <https://constructionsafety.ssc.nasa.gov/>
- A monthly training report along with sign-in sheets are to be submitted by the 2<sup>nd</sup> working day of the new month (same requirement as the Mishap Exposure Reports).
- All employees are required to complete the following OSHA Training:
  - OSHA 10 Hour Training – non managerial employees
  - OSHA 30 Hour Training - project managers, superintendents, supervisors, and safety and health professionals
- SSC Orientation and OSHA 10/30 training expires every three years – please check for any employee that is expired.



# SCWI-8715-0008

## Monthly Orientation Training Records

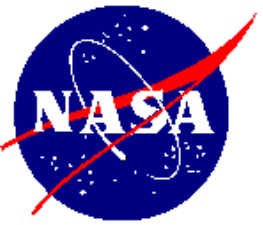
**SSC Construction Contractor Safety Orientation<sup>1</sup>**

[SSC Construction Contractor Safety Orientation](#)

[SSC Construction Contractor Safety Orientation Sign-In Sheet](#)

[SSC Construction Contractor Safety Orientation Monthly Training Report](#)

**\* Training records to be submitted by the 2<sup>nd</sup> working day of the new month. \***



SCWI-8715-0008

## Safety and Health Plan Requirements

- Section 7.1:

“The contractor shall submit a current, comprehensive, written project-specific Safety and Health Plan that interfaces with the contractor’s overall Safety and Health Program. **The Contractor shall address each of the elements/sub-elements in the outline contained in Section 7.2 in the order that they are provided in that Section. If an item is not applicable because of the nature of the work to be performed, the Contractor shall state this exception and provide a justification (e.g. Diving Operations: NA, there are no diving operations anticipated on this job.).** The plan shall show compliance with Federal OSHA Safety and Health Standards 29 CFR 1904, 29 CFR 1910, and 29 CFR 1926. In addition the contractor’s safety and health plan shall show how the contractor will meet the NASA safety requirements.”
- Section 7.2 - Provides a listing of the minimum requirements to be contained within the Safety and Health Plan.



# SCWI-8715-0008

## Specific Requirements Overview

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- Section 8.2 – Provides an overview of specific requirements for on site construction activities and references for safety and health plan requirements

**Please take a moment to review the revised SCWI-8715-0008 which can be found on the SSC Construction Safety Website:**

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



# Machine Guarding Safety



Crushed hands and arms, severed fingers and limbs, lacerations and abrasions – the list of possible machinery-related injuries is long and horrifying. Many hazards are created by moving machine parts. Safeguards are essential for protecting workers from preventable injuries.

Safeguards must meet these minimum general requirements:

**Prevent contact:** The safeguard must prevent hands, arms, and any other part of a worker's body from making contact with dangerous moving parts.

**Secure:** Workers should not be able to easily remove or tamper with the safeguard, because a safeguard that can easily be made ineffective is no safeguard at all.

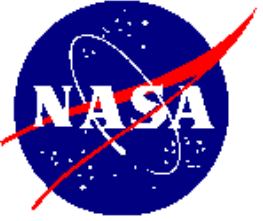
**Protect from falling objects:** The safeguard should ensure that no objects can fall into moving parts. A small tool which is dropped into a cycling machine could easily become a projectile that could strike and injure someone.

**Create no new hazards:** A safeguard defeats its own purpose if it creates a hazard of its own such as a shear point, a jagged edge, or an unfinished surface which can cause a laceration.

**Create no interference:** Any safeguard which impedes a worker from performing the job quickly and comfortably might soon be overridden or disregarded.

**Training:** Even the most elaborate safeguarding system cannot offer effective protection unless the worker knows how to use it and why. Specific and detailed training is a crucial part of any effort to provide safeguarding against machine-related hazards. Thorough operator training should involve training in the following:

- A description and identification of the hazards associated with particular machines
- The safeguards themselves, how they provide protection, and the hazards for which they are intended
- How to use the safeguards and why
- How and under what circumstances safeguards can be removed, and by whom (in most cases, repair or maintenance personnel only)
- When a lockout/tagout program is required
- What to do if a safeguard is damaged, missing, or unable to provide adequate protection



# Questions



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