



Mission Success Starts With Safety



SSC Construction Contractor Safety Meeting

March 02, 2023



Mission Success Starts With Safety



Contact Info:

NASA Safety

Matthew Scott

matthew.r.scott@nasa.gov

228-688-1537

Construction Safety

Donna Dubuisson

donna.a.dubuisson@nasa.gov

228-688-1167

Construction Safety

Elizabeth Calantoni

elizabeth.calantoni@nasa.gov

228-688-1804

B2 Test Stand

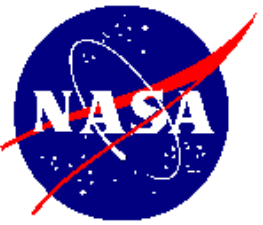
Neil Toupin

neil.s.toupin@nasa.gov

228-688-1109

A1 Test Stand

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



Mission Success Starts With Safety



Contact Info:

NASA Safety

Mike Rewis

mike.j.rewis@nasa.gov

228-688-2663

Construction Safety

Frank Olinger

milford.f.olinger@nasa.gov

228-688-1766

Construction Safety

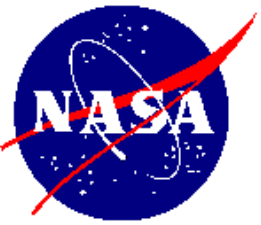
Ronnie Good

ronald.w.good@nasa.gov

228-688-1487

Construction Safety

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



Mission Success Starts With Safety



Contact Info:

BASTION/SACOM Safety

Donald Smith, CHST

donald.g.smith-1@nasa.gov

228-688-1085 phone

228-234-0639 Cell

Mark Bridenbeck, TES

mark.a.bridenbeck@nasa.gov

228-688-1732 phone

228-313-0188 Cell

John Lindsay, CSP

john.d.lindsay@nasa.gov

228-688-2557 phone

288-688-3503 fax

Will Davis

william.b.davis@nasa.gov

228-688-3193 phone

228-688-3503 fax

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



Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

February 2023



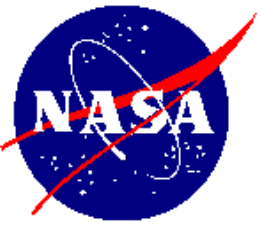
Construction Safety Report: 01 February- 28 February 2023

Findings: 0

Level 1 Severity : 0

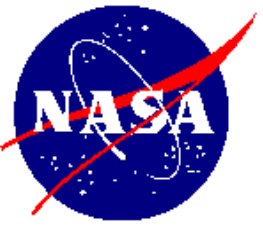
Level 2 Severity : 0

Mishaps: 0 / Close Calls: 0



Discussion Topics

- Monthly Safety Reports
- Top 10 OSHA Violations - 2022
- Safety Topics
 - Personal Protective Equipment
 - Fall Protection



Top 10 OSHA Violations 2022

OSHA Standard	FY 2022 Data	Previous Year's Data
1. Fall Protection – General Requirements (1926.501)	5,980 Violations	No. 1 with 5,271 Violations
2. Hazard Communication (1910.1200)	2,682 Violations	No. 5 with 1,939 Violations
3. Respiratory Protection (1910.134)	2,471 Violations	No. 2 with 2,521 Violations
4. Ladders (1926.1053)	2,430 Violations	No. 3 with 2,018 Violations
5. Scaffolding (1926.451)	2,285 Violations	No. 4 with 2,538 Violations
6. Lockout/Tagout (1910.147)	2,175 Violations	No. 6 with 1,670 Violations
7. Powered Industrial Trucks (1910.178)	1,922 Violations	No. 9 with 1,404 Violations
8. Fall Protection – Training Requirements (1926.503)	1,778 Violations	No. 7 with 1,660 Violations
9. Personal Protective and Life Saving Equipment – Eye and Face Protection (1926.102)	1,582 Violations	No. 8 with 1,451 Violations
10. Machine Guarding (1910.212)	1,488 Violations	No. 10 with 1,105 Violations

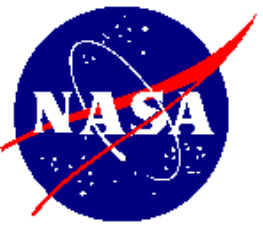


Mission Success Starts With Safety



Safety Observations

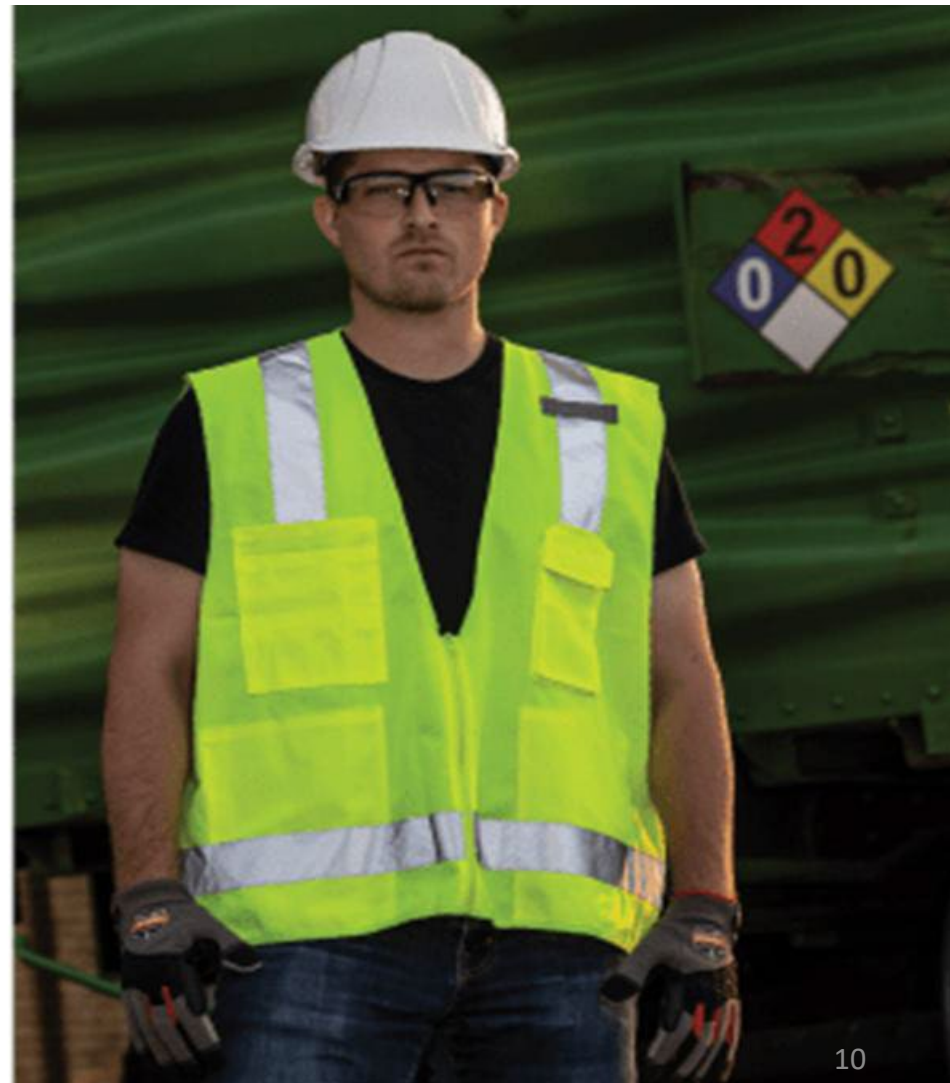
Personal Protective Equipment

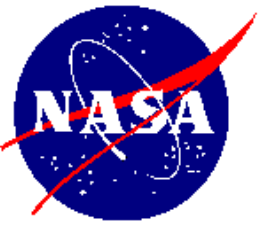


Mission Success Starts With Safety



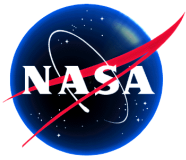
PPE must be kept clean and properly maintained.





Safety Topic

Fall Protection



NASA SSC Fall Protection



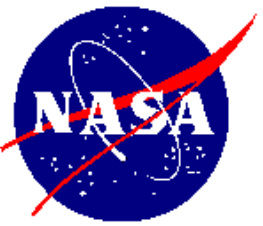
Stennis Space Center

The number one (1) OSHA standard violation cited in 2022 was Fall Protection. Fall protection has remained the top OSHA standard violation for 12 years in a row.

Falls are the number one (1) cause of work-related deaths in construction workers and as many as five construction workers a week are killed in falls.

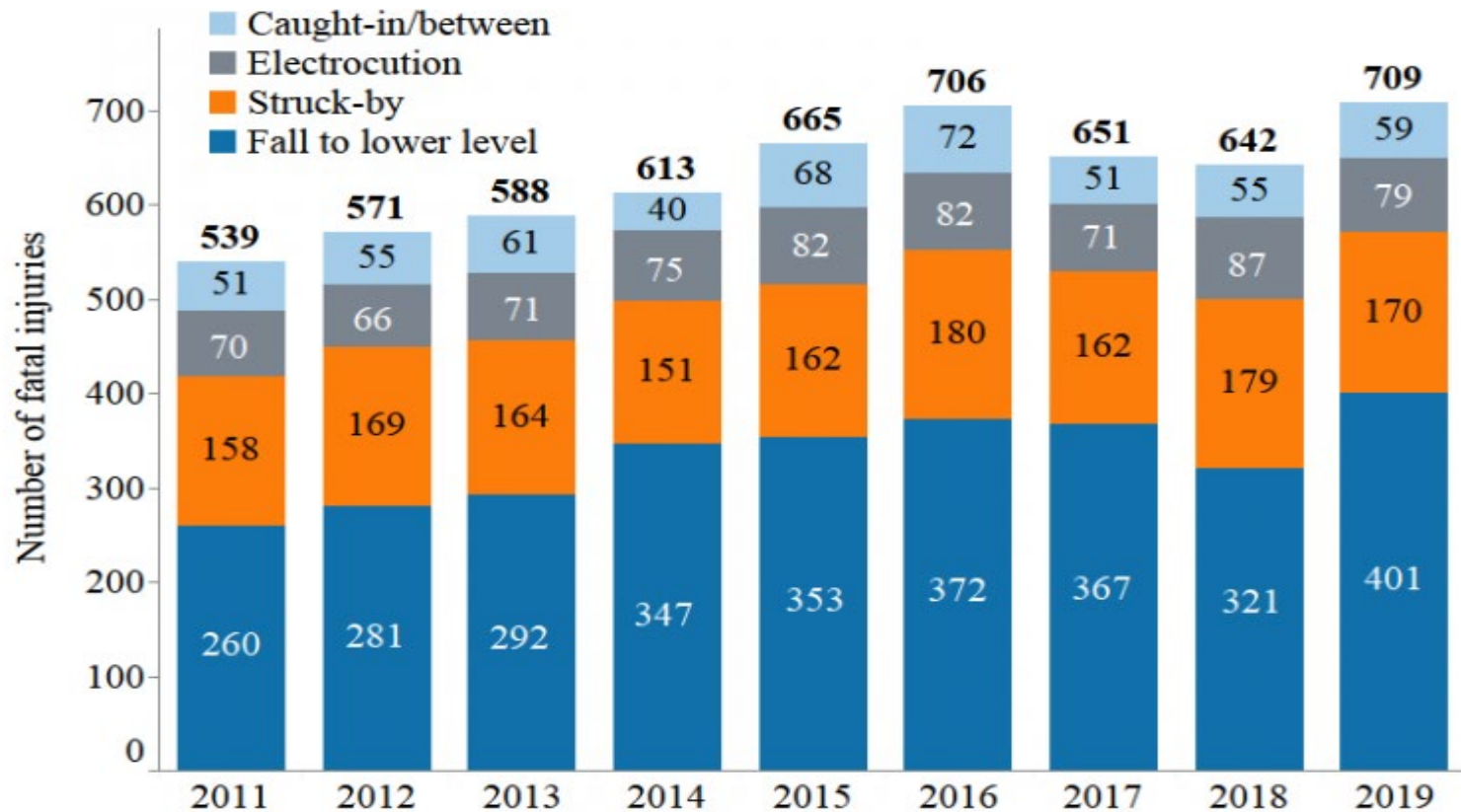
NASA SSC has included Fall Protection as one of its three (3) Safety and Health Goals for 2023 to help increase employee awareness of fall protection and slip/trip/fall hazards.





Safety Topic

4. Number of fatal injuries caused by Construction Focus Four, 2011-2019



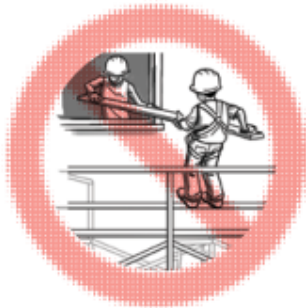
Source: U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

FALLS FROM SCAFFOLDS CAN BE PREVENTED!

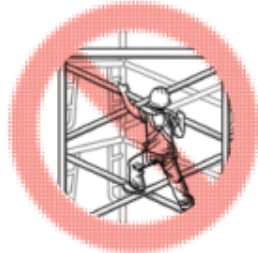
- ✓ Use fully planked scaffolds
- ✓ Ensure proper access to scaffold
- ✓ Plumb and level
- ✓ Complete ALL guardrails
- ✓ Ensure stable footing
- ✓ Inspect before use (by competent person)



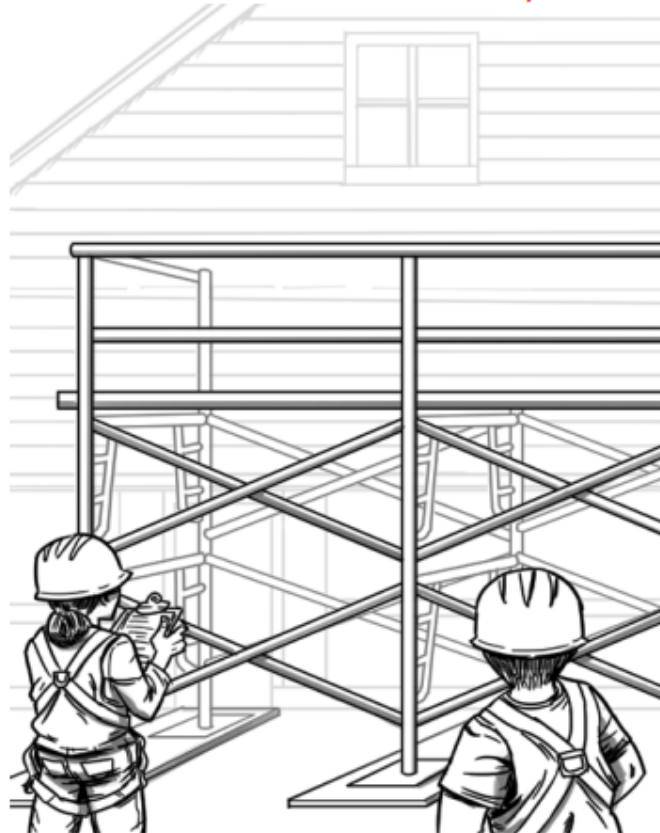
DON'T
use a ladder on
top of a scaffold



DON'T
stand on guardrails



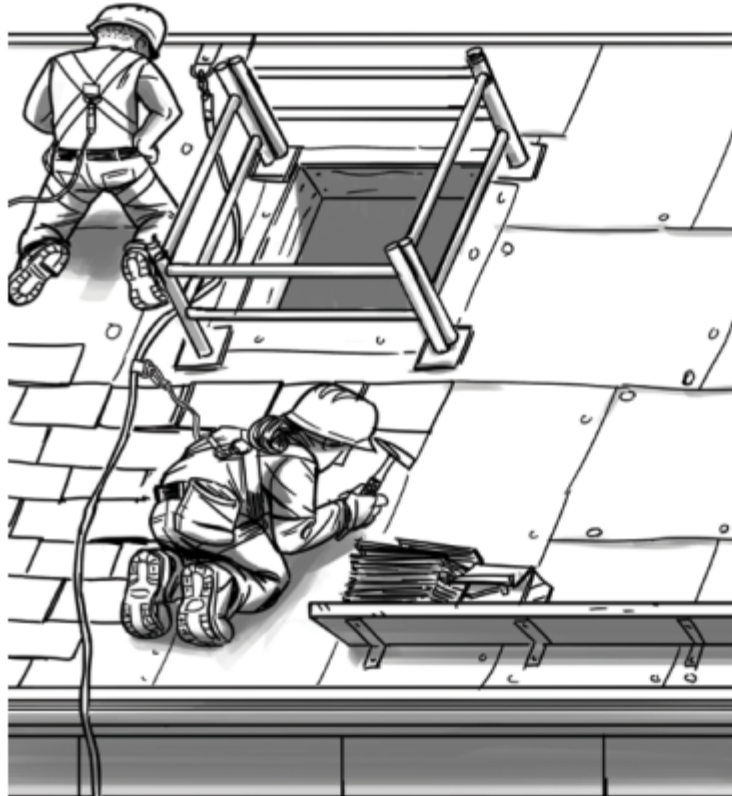
DON'T
climb cross-braces



PLAN ahead to get the job done safely.
PROVIDE the right scaffold and equipment.
TRAIN everyone to use the equipment safely.

FALLS FROM ROOFS CAN BE PREVENTED!

- ✓ Wear a harness and always stay connected
- ✓ Make sure your harness fits
- ✓ Use guardrails or lifelines
- ✓ Inspect all fall protection equipment before use
- ✓ Guard or cover all holes, openings, and skylights



PLAN ahead to get the job done safely.
PROVIDE the right roof equipment.
TRAIN everyone to use the equipment safely.



DON'T
disconnect from
the lifeline



DON'T
work around unprotected
openings or skylights



DON'T
use defective equipment

FALLS FROM LADDERS CAN BE PREVENTED!

- ✓ Choose the right ladder for the job
- ✓ Maintain three points of contact
- ✓ Secure the ladder
- ✓ Always face the ladder



DON'T
overreach



DON'T
stand on top or on the
top step of a stepladder



DON'T
place the ladder on
uneven footing



PLAN ahead to get the job done safely.
PROVIDE the right ladder and equipment.
TRAIN everyone to use the equipment safely.



Questions



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