



Mission Success Starts With Safety



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# SSC Construction Contractor Safety Meeting

March 03, 2022



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# Contact Info:

NASA Safety

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Matthew Scott

[matthew.r.scott@nasa.gov](mailto:matthew.r.scott@nasa.gov)

228-688-1537

Construction Safety

Donna Dubuisson

[donna.a.dubuisson@nasa.gov](mailto:donna.a.dubuisson@nasa.gov)

228-688-1167

Construction Safety

Elizabeth Calantoni

[elizabeth.calantoni@nasa.gov](mailto:elizabeth.calantoni@nasa.gov)

228-688-1804

B2 Test Stand

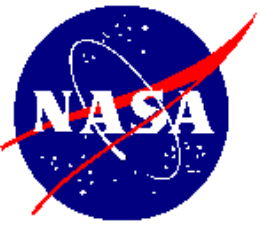
Neil Toupin

[neil.s.toupin@nasa.gov](mailto:neil.s.toupin@nasa.gov)

228-688-1109

A1 Test Stand

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



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# Contact Info:

NASA Safety

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Mike Rewis

[mike.j.rewis@nasa.gov](mailto:mike.j.rewis@nasa.gov)

228-688-2663

Construction Safety

Frank Olinger

[milford.f.olinger@nasa.gov](mailto:milford.f.olinger@nasa.gov)

228-688-1766

Construction Safety

Amanda Ball

[amanda.s.ball@nasa.gov](mailto:amanda.s.ball@nasa.gov)

228-688-1422

Construction Safety

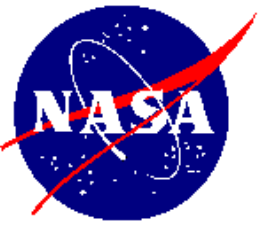
Ronnie Good

[ronald.w.good@nasa.gov](mailto:ronald.w.good@nasa.gov)

228-688-1487

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# Contact Info:

BASTION/SACOM Safety

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Donald Smith, CHST

[donald.g.smith-1@nasa.gov](mailto:donald.g.smith-1@nasa.gov)

228-688-1085 phone

228-234-0639 Cell

Mark Bridenbeck, TES

[mark.a.bridenbeck@nasa.gov](mailto:mark.a.bridenbeck@nasa.gov)

228-688-1732 phone

228-313-0188 Cell

John Lindsay, CSP

[john.d.lindsay@nasa.gov](mailto:john.d.lindsay@nasa.gov)

228-688-2557 phone

288-688-3503 fax

Will Davis

[william.b.davis@nasa.gov](mailto:william.b.davis@nasa.gov)

228-688-3193 phone

228-688-3503 fax

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



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# Construction Safety

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SSC Construction Inspection  
Safety Findings/Stats

February 2022



# Construction Safety Report: 01 February – 28 February 2022

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**Findings: 0**

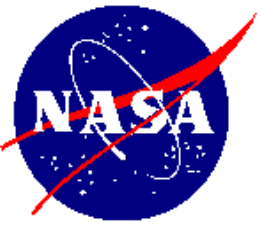
**Level 1 Severity : 0**

(Corrected on the spot)

**Level 2 Severity : 0**

(Corrective action documented)

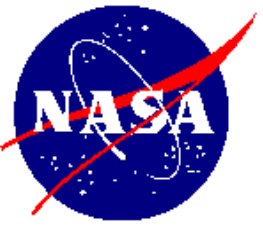
**Mishaps: 0 / Close Calls: 0**



# Discussion Topics

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

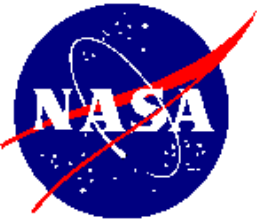


# Safety Observations

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- Minimum PPE
- Site Control – Other Workers





# Safety Notice



Fall Protection

February 2022

**Immediate Action Required**  
Inspection Notice



Products:

Select 3M™ Protecta® Self-Retracting Lifelines

Impacted Dates:

September 2021

→ 3M Fall Protection is issuing a "Stop Use and Inspect" notice for select models of 3M™ Protecta® Self-Retracting Lifelines.



3M™ Fall Protection has identified a potential manufacturing issue with a limited number of 3M™ Protecta® Self-Retracting Lifelines (SRL) with galvanized or stainless-steel lifelines produced in September 2021. There have been no reports of injuries or accidents associated with this issue. This manufacturing issue could result in the SRL not engaging properly but can be easily detected through the pre-use inspection as specified in the Instruction for Use (IFU) document. Affected part numbers can be found in Appendix 1.

### End-Users

Please follow the steps listed below.

**Step 1:** Locate the label on the SRL to identify the manufacture date and lot number (see picture to the right). If the SRL has a manufacture date of 21/SEP (September 2021) and lot number 21093746, continue to step 2. (Please note that regardless of the manufacture date, all SRLs should be inspected prior to every use and by a competent person annually as per the IFU).

**Step 2:** Pull the lifeline quickly to ensure that the SRL locks up. As per the IFU "Ensure the device locks up when the lifeline is jerked sharply. Lockup should be positive with no slipping." If the SRL locks up properly and passes all other aspects of the pre-use inspection as defined in the IFU, the SRL is acceptable for use. If you find that your SRL does not lock up, take the Protecta® SRL out of service immediately. Please contact our Customer Service department (US: 1-833-638-2697 or [3mufpserviceaction@mmm.com](mailto:3mufpserviceaction@mmm.com); CAN: 1-833-998-2243 or [3mcafpserviceaction@mmm.com](mailto:3mcafpserviceaction@mmm.com)) and we will arrange to have the SRL inspected and repaired/replaced as per our standard warranty.

### Distributors

Upon receipt of this Notice, please contact our Customer Service department for a listing of the affected Protecta® SRLs sold to you. If you have any of the affected parts in stock, you should return them to 3M Fall Protection for repair and/or replacement as per our standard warranty. Please forward this Notice to any of your customers who have purchased affected products from you and provide any assistance requested by your customers to complete the process.

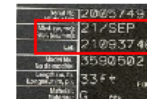
If you have any questions regarding this notice, please contact the 3M Fall Protection Customer Service Team.

A copy of this notice can be found at:

US: [go.3M.com/ProtectaSRL](http://go.3M.com/ProtectaSRL)

Canada: [www.3m.ca/townsquare](http://www.3m.ca/townsquare)

US: call 1-833-638-2697 or email [3mufpserviceaction@mmm.com](mailto:3mufpserviceaction@mmm.com)  
Canada: call 1-833-998-2243 or email [3mcafpserviceaction@mmm.com](mailto:3mcafpserviceaction@mmm.com)



All Self-Retracting Lifelines should be inspected prior to every use and by a competent person annually, as per the Instructions for Use.



# Beware of Pinch Points



**NASA Mishap Information System (NMIS), Safety+Health Magazine & Syncom Space Services (S3) VPP Alert (21-004)**

A pinch point is - any point at which it is possible for a person or part of a person's body to be caught between moving parts of a machine, or between the moving and stationary parts of a machine, or between material and any part of the machine. Pinch points commonly impact fingers and hands but can impact any area of the body.

In September of last year, a lost time hand injury was reported. While performing preventive maintenance (PM) on a forklift battery, the battery tipped, smashing the fingers of an employee's right hand between the battery and a beam. The following month, while assisting in closing the lift gate on a box truck, an employee's finger was injured.

## **Safe Plan of Action**

Keep your fingers, hands, toes, and feet away from pinch points by using machine guards, practicing safe moving and carrying techniques, and giving all tasks your full attention. Machine guards can help prevent you from reaching into, through, over, under or around the pinch point. Any guards in place for protection should not be tampered or modified to circumvent the guards. Any unguarded pinch points found during work processes should be reported.

# National Data Buoy Center (NDBC) Warehouse Battery Preventive Maintenance (PM) Mishap

An employee was performing a preventative maintenance (PM) task on a forklift battery when it rolled too far, tipped, and fell, pinching their fingers between the battery and a structural beam. The battery was a several hundred-pound industrial battery. Their coworker used a pry bar to free them, but they had sustained injuries to their fingers which required a trip to the emergency room for treatment.

A Stop Work Action was implemented immediately following the mishap.

The details were included in a SACOM VPP Safety Alert and sent to all employees (MAF and SSC) the following day.

(Information within the Safety Bulletin is included in this slide).



The battery reached its "tipping point" just as the worker reached out to stop the movement.

This incident occurred quickly and unexpectedly with a worker's hand in the line of fire. Incidents like this highlight the importance of fully analyzing our work for potential pinch points and ALL potential hazards. It had never happened before (at least no one had been injured before) but this event showed:

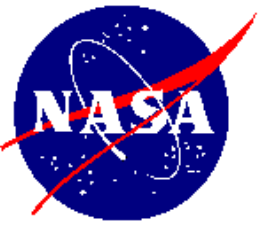
- 1- Gravity never sleeps. Things will eventually fall.
- 2- We can never place our hands (or other parts of our body) in places or situations we did not plan for.
- 3- We must ensure we have enough workspace while performing our duties.
- 4- We must follow original equipment manufacturer (OEM) safety guidelines.

In this case, support for the battery could have prevented the mishap.



A battery roll-out stand was purchased and placed into use to prevent unsupported movement during battery maintenance.

**Plan your work, and then work the plan. Hazard assessment means planning not only how we will do the work, but where will our hands and other parts be while we work.**



# Questions



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