



SSC Construction Contractor Safety Meeting

February 04, 2021



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Construction Safety

SSC Construction Inspection Safety Findings/Stats

January 2021



Construction Safety Report: 03 January – 09 January 2021



Findings: 0

Level 1 Severity: 0

(Corrected on the spot)

Level 2 Severity: 0

(Corrective action documented)



Construction Safety Report: 10 January – 16 January 2021



Findings: 0

Level 1 Severity: 0

(Corrected on the spot)

Level 2 Severity: 0

(Corrective action documented)



Construction Safety Report: 17 January – 23 January 2021



Findings: 0

Level 1 Severity: 0

(Corrected on the spot)

Level 2 Severity: 0

(Corrective action documented)



Construction Safety Report: 24 January – 31 January 2021



Findings: 1

Level 1 Severity: 1

(Corrected on the spot)

Management improperly reviewed final closed Confined Space Permits. Approximately 30 closed permits were reviewed. All 30 permits were found deficient and incomplete from June 2020 to January 2021.

REF: SCWI-8715-0004. SEC 7.0. SHEtrak ID# 110384. CAR Level 1. Closed.

Level 2 Severity: 0

(Corrective action documented)



Construction Safety Report: 24 January – 31 January 2021



Findings: 1 (Positive)

An audit of a general contractors 12 closed Permit Required Confined Space permits dated from 1 January 2020 to 30 January 2020. A total of 12 closed permits were error free.

Level 1 Severity: 0

Level 2 Severity: 0

(Corrective action documented)





Discussion Topics

SSC Covid-19 Safe-at-Work Protocol Updates

https://sscsos.com

- SSC Orientation Training
- 2021 Reminders
- Other





2021 Reminders

The following are recommended items for completion in the new year:

- Check forklift licenses for 4-year expirations in 2021 and schedule inspections as needed.
- Check fire extinguishers for annual inspections due in 2021.
 - Document all monthly inspections in 2021.
 - List individual extinguisher serial numbers separately and date of annual inspection completion.
- Ensure that LOTO and confined space training is refreshed in 2021 as needed.
- Inspect any flammable cabinets as required monthly.
- Review Safety Data Sheets (SDS) on file and replace any SDS that has been updated from the previous year. Use a cover page in the SDS book to document your review and maintain an updated list as needed in 2021.
- Complete an inspection of all fall protection equipment in storage and document inspection.
- Inspect all fall protection and ladders in storage:
 - Removed damaged equipment from service.
 - Document inspection.
 - This does not eliminate the need for inspection prior to use.
- Review small appliance permits for expiration in 2021.
- Post Emergency Contact lists visible on all office trailers for Emergency Services





Confined Space Permits

- SCWI-8715-0004 SSC Confined Space Entry Program
- SSC-576 SSC Confined Space Entry Permit:
 - Shall be used for all SSC permit required confined space entries by NASA,
 NASA Prime Contractors, and NASA Direct Construction Contractors.
 - Shall be signed/approved by the confined space supervisor, emergency rescue team lead, and applicable Safety office prior to performing work in a permit-required confined space.
 - Shall be maintained at the entry point or made available by other equally effective means.





Confined Space Permits

- Post Entry Audit (SCWI-8715-0004, Section 7):
 - "...shall be performed on the terminated/cancelled confined space entry permit (SSC Form 576), to assess compliance with this SCWI. Sections 1 through 9 of the Confined Space Entry Permit, SSC Form 576, shall be reviewed to ensure the permit was properly completed. Section 10 of the SSC Form 576, Confined Space Entry Permit, will be initialed and dated by the person performing the quality assurance audit. If a discrepancy or an opportunity for improvement is noted the "corrective action required" block is checked and addressed in Section 10 of the SSC Form 576, Confined Space Entry Permit."



Mission Success Starts With Safety



SSC-576

National Aeronautics and Space Administration John C. Stennis Space Center Stennis Space Center, MS 39529-6000 CONFINED SPACE ENTRY PERMIT									
I. GENERAL INFORMATION									
Date & Time Issued		Date & Time Permit Expires							
Date: Time: Organization Performing Entry		Date: ption of Confined Space	Time:						
Organization Performing Entry	Location & Descri	ption of Confined Space							
Purpose of Entry	Work Description	Work Description (Work Authorizing Document/Stennis Work Request/MAXIMO #							
PRE-ENTRY PROCEDURES (Check Applicable)									
Isolation Methods:	Communication Met	hods:	Ventilation Methods:						
Blanking or Blocking	Visual		Initial (30 minute minimum)						
Lockout / Tagout	Voice		General Ventilation Maintained						
Purge & Clean	Radio		Method:						
☐ Inert	Tug Rope								
External Barrier	Other:								
Other:									
ENTRY HAZARDS CONTROLLED (Answer All Questions)									
Description of all Potential Hazards Requiring Evaluation:	(All NO answers must be	corrected prior to entry)							
Yes No	d 22 EW) (continues	anitoring required)							
The Oxygen levels are between 19.5% at Are asphyxiants blocked/blanked from en									
			d:						
There are no fiammable gases/vapors and/or combustible dust/fumes in the space. List if found: There are no toxic gases/vapors present. List if found:									
Atmospheric monitoring is in place (docur		nt readings in section 8)							
There are no corrosive hazards present in the space.									
All electrical hazards are eliminated or controlled.									
All mechanical hazards/stored energy are eliminated or controlled/isolated.									
Noise hazards are eliminated or controlled in the space.									
Engulfment hazards are eliminated.									
Ventilation (if required) is in place and providing air from a clean source (no exhausts, no contaminants, etc.) Communication means with the entrants and rescue is in place.									
Communication means with the entrains and rescue is in piace. Tripod (if required) is in place and entrains are attached to lifelines.									
Pedestrian and vehicle barriers/signs (if re	equired) are in place.								
Confined Space Entry Permit is maintained									
		s introduced during entry (he	ot work, chemicals, painting, cleaning), electrical,						
wildlife, and/or combustible dust/fumes, e		-							
	Elimination/Control Mean								
Hazard:	Elimination/Control Mean	nination/Control Means:							
Hazard:	Elimination/Control Mean	B:							
EMERGENCY RESCUE PLANS/PROCEDURES									
Complex/unique rescue - Attach written Rescue P	an to permit								
Rescue plan/methods:									
	7								
Method(s) for contacting Emergency Rescue:			Phone (228-688-3636) SSC Land Line (911)						
Contractor provided emergency/rescue service co	ordinated with SSC Fire I	Department:	Date:						
CONFINED SPACE TEAM SIGNATURES									
Entry Supervisor: I inspected the confined space work	site and provided a Pre	Entry Briefing on the specifi	ic hazards, work to be performed, hazard control						
methods, communication plan, and rescue plan. The e approve this permit. This permit shall be maintained	ntry has been coordinate								
Entry Supervisor Printed Name Training	g Expiration Date	Entry Supervisor Sig	nature Date/Time						
Test Operations/Facility Management	Date								
Emergency Rescue Team: I have reviewed this permit he planned rescue procedures as outlined in section 4		Safety: I have reviewed to (safety critical procedure)	his permit and understand the conditions of entry i.						
		I							
Signature of Rescue Team Lead	Date	Signature of Safe	ty Date						

AUTHORIZED ATTENDANT: 1	reviewed the	confined spa	ce entry con		ents a	nd understand my	Attenda	nt roles & r	esponsibilities		Training		
Printed Name	Signature			Training Expiration	Printed Name				Signature				
				Expiration						Expiration			
AUTHORIZED ENTRANT(S): I reviewed the confined space entry permit conditions/requirements and understand my Entrant roles & responsibilities.													
AU INVIDED EN IAAT (3): Trevered die commed space endy permit conditionsrequirements and understand my cincarit roles a responsibilities. (attach additional sheets as required)													
Printed Name	Signature			Training		Printed Name		Signature			Training		
				_									
		1											
6. AUTHORIZED ENTRANT TRACKING (attach additional sheets as required)													
		acri addisonal si			_						I money		
Authorized I	Entrant		Time In	Time Out		Authorized Entrant		Time I		Time Out			
			_	+-+							+-		
				_					-		+		
											+		
ATMOSPHERIC TESTING	D MONITOR	INC FOURTH	UT		_						_		
7. ATMOSPHERIC TESTING AN	D MONITOR							_					
Area Monitor/Meter Model Number			per	Serial No/ECN				Calibration Due Date					
Personal Monitors		_			_								
Personal Monitors													
					_			_					
					_								
8. ATMOSPHERIC TESTING AN	D MONITOR	ING RECORD											
Continuous monitoring shall													
Hazard (acceptable level)			Reading Next Readin		3	Next Reading	Next Reading		Next Readi	- 1	xt Reading		
	Time: Time		0:	Time:		Time:	Time		Time:	Time:			
Oxygen (19.5% - 23.5%)													
Flammable (<10% LEL)													
Carbon Monoxide (<35 ppm)													
Hydrogen Sulfide (HzS, 0 ppm)													
Other Hazard:													
Other Hazard:				_									
Other Hazard: Testers Initials				_					_	_			
9. PERMIT CANCELLATION/TER	RMINATION												
I personally verified all equip	ment was r	emoved, all p	ersons exit	ed the confined	space	and conducted a	debrief	. I certify t	his permit is o	anceled/ter	minated.		
					-						.		
Entry Supervisor Prin	ted Name			Entry Supervise	or Sign	nature			Date/Time				
10. POST ENTRY AUDIT & COR						(initials/date):							
The Post Entry audit of this e	ntry permit	noted the foli	owing discr			See the recomme	ended o	corrective a	ctions/areas f	for improver	nent.		
Discrepancy:				Recommend	ation:								
2. Discrepancy:				Recommend	ation:								
3. Discrepancy:				Recommend									
4. Discrepancy:				Recommend									
				Necommend	Gaurt:								
SSC-576 (05/2017)													





Questions



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