



PURPOSE

OSHA 1910.147 NASA SSP-8715-0001



Provide NASA SSC employees with Lockout/Tagout Standards, Procedures and Requirements necessary to ensure their safety.



NASA procedure states

• Additionally, this guideline is intended to uniformly lock and tag equipment/systems across all Stennis Space Center (SSC) operations. For the purpose of attempting to maintain the overall effectiveness of the LO/TO program, a separate (but equally effective) program shall be documented and properly approved for long-term isolation of equipment/systems which may contain hazardous energy, but not undergoing service or maintenance activity.



General Requirements

- A written LO/TO program, including procedures, shall be developed for each federal agency and their contractor located at SSC.
- As a minimum, each program shall conform to the requirements found within the latest edition of the Stennis Safety Procedure (SSP 8715-0001)



WHAT NOT TO USE







No locking device installed





Tagouts alone
will not be allowed
to lockout energy
sources

LOTO WHAT NOT TO USE





STENNIS LOTO TAG

Order from the warehouse

Stock# 769000N013923

SSC LO/TO Program	Additional Comments:
DANGER	
DO NOT	
OPERATE ORGANIZATION: LISC DITS DEOSC DEOC	
☐ HAT ☐ Other ☐ This lock/tag attached by and may only be removed b	y
Name Dept. #	
Supervisor:	
WAD #:	
Expected Completion:	
SSC-808 (Ref. SSP-8715-0001) Note: See reverse for commen	sts SSC-808 (reverse)

FOSC CONFIGURATION TAG

Available from Safety Crib





LOTO DEVICES

Custom designed valve covers to fit unique type handles

Group LockoutMultiple Crafts

Configuration Lock

Individual Lock





DEVICES

Individual Simple Lockout





LO/TO procedure

All equipment must have capability to be locked out

- Tag outs alone are allowed unless approved by supervisor and safety.
- Implementation will require some equipment modification.









LOTO DEVICES

Valve lockout covers

Configuration Lockout





DEVICES

Group Lock Keys

Lock box lock installed by supervisor or lead



Must have Configuration Lock & Tag



DEVICES

Personal locks must be removed at shift change if the system/group lockout extends to another shift.



Employee
Individual
Lock
Must be identifiable
and have LOTO
tags attached



DEVICES



Special lockout devices for circuit breakers must be used on electrical systems



Remember to remove all LOTO locks and tags when finished job.

Tag found 12/15/2007 in 480V switchgear Installed Date 5/2/68



LOTO

- APPENDIX C REQUIREMENT FOR OFFSITE CONTRACTOR
- LOCKOUT/TAGOUT (LO/TO)
- When requested SSC work is performed by offsite contractors and the work requires use of LO/TO procedures for worker protection, special responsibilities shall be assumed by both the requesting organization and the offsite contractor(s) in accordance with the following requirements:
- 1. The requesting SSC organization shall provide the offsite contractor with a current copy of SSP 8715-0001, "Lockout/Tagout Program."
- 2. The requesting SSC organization shall ensure the offsite contractor provides a copy of their Safety and Health Plan to the Industrial Safety Department (ISD) to the monitoring safety office prior to starting any work to ensure all potential LO/TO conflicts are resolved before the commencement of work.
- 3. The requesting SSC organization shall ensure the offsite contractor provides a request for SSC LO/TO training to the FOSC prior to starting any work.
- 4. The offsite contractor and the requesting SSC organization shall fully understand that **NO** work can begin until the offsite contractor's Safety and Health Plan is approved.
- 5. The offsite contractor shall fully understand that special or additional LO/TO procedures can be required when working at SSC, above and beyond those described in their own Energy Control Program.

LOTO

- 6. The requesting SSC organization and offsite contractor shall fully understand and comply with all the SSC LO/TO program requirements. Contact responsible organization's safety office if additional information is needed.
- 7. The offsite contractor shall fully understand that a supervisor/foreman who is familiar with the SSC LO/TO program shall be onsite at all times while any LO/TO activities are being performed.
- 8. The requesting SSC organization shall ensure that all affected and other employees working in the area where the offsite contractor is performing LO/TO activities are informed of this work.
- 9. The requesting SSC organization and offsite contractor shall ensure any LO/TO activities performed by more than one crew or contractor are coordinated, and a group LO/TO procedure is initiated in accordance with section 3.10.1(a)(7)(F).
- 10. If the requesting SSC organization does not have an authorized employee to lockout the equipment/system during service by the offsite contractor, the organization shall coordinate this support service through the FOSC, as necessary.
- 11. The requesting SSC organization shall monitor the offsite contractor to ensure
- compliance with all the SSC LO/TO program requirements and that they identify and report any potential problems to the NASA Safety Office.
- 12. The requesting SSC organization shall ensure removal of all offsite contractor LO/TO devices occurs at job completion and before the contractor leaves the center

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TRAINING.

SECTION 3.10)

LOTO

•	Offsite Contractor Control of Hazardous Energy Documentation Record
•	SWR/EMI/CONTRACT:
•	JOB TITLE:
•	WORK LOCATION:
•	SCOPE OF WORK:
•	OFFSITE CONTRACTOR/FOSC GROUP REQUIREMENTS
•	(BEFORE COMMENCEMENT OF WORK)
•	CONTRACT COMPLIANCE OFFICE REPRESENTATIVE HAS BEEN NOTIFIED
•	THE OFFSITE CONTRACTOR HAS PROVIDED A COPY OF THEIR SAFETY AND HEALT
•	PLAN TO THE FOSC SAFETY DEPARMENT TO ENSURE ALL POTENTIAL LO/TO
	CONFLICTS ARE RESOVED BEFORE COMMENCEMENT OF WORK.

THE OFFSITE CONTRACTOR HAS REQUESTED FOR SSC LOCKOUT/TAGOUT

SSC LOCKOUT/TAGOUT REQUIREMENTS. (COMPLYING WITH FOSC PROCEDURE

THE OFFSITE CONTRACTOR SHALL FULLY UNDERSTAND AND COMPLY WITH ALL

SPI-18-20-007 SHALL BE CONSIDERED TO BE IN COMPLIANCE WITH SSP-8715-0001

LOTO

- THE OFFSITE CONTRACTOR UNDERSTANDS THAT A SUPERVISOR/FOREMAN WHO IS FAMILIAR WITH THE SSC LOCKOUT/TAGOUT PROGRAM SHALL BE ONSITE AT ALL TIMES WHILE ANY LOCKOUT/TAGOUT ACTIVITIES ARE BEING PERFORMED.
- THE REQUESTING FOSC GROUP OR OFFSITE CONTRACTOR HAS INFORMED ALL AFFECTED EMPLOYEES WORKING IN THE AREA WHERE THE OFFSITE CONTRACTOR WILL BE PERFORMING LOCKOUT/TAGOUT ACTIVITIES.
- THE FOSC GROUP HAS PROVIDED A JOB BRIEFING TO THE OFFSITE CONTRACTOR TO IDENTIFY ANY HAZARDS OR POTENTIAL PROBLEMS.
- THE OFFSITE CONTRACTOR/FOSC GROUP UNDERSTANDS THAT ALL OFFSITE CONTRACTOR LOCKOUT/TAGOUT DEVICES SHALL BE REMOVED UPON COMPLETION OF WORK AND BEFORE THE CONTRACTOR LEAVES THE SITE.
- C.C.O. REP. OR CONSTRUCTION MONITOR APPROVAL/DATE:
- SUB-CONTRACTOR REP. APPROVAL/DATE:



LOCKOUT / TAGOUT EMCS NOTIFICATION RECORD

- Date
- Authorized Employee or LO/TO Coordinator
- Crew Number (s)
- Type of LO/TO (Simple, Group, or Configuration)
- Work Oder #(WAD)(NA if Unknown)
- Location
- Remote Start? (Y,N)
- Start Time
- Stop Time
- Purpose of Lockout



Question/Discussion

