



National Aeronautics and  
Space Administration  
**John C. Stennis Space Center**  
Stennis Space Center, MS 39529-6000

## SSC SAFETY & HEALTH ACTIVITY HAZARD ANALYSIS

(REQUIRED DAILY OR IF TASK CONDITIONS CHANGE)

COMPANY \_\_\_\_\_ DATE \_\_\_\_\_  
 SUPERVISOR (Print & Sign Name) \_\_\_\_\_ CRAFT \_\_\_\_\_  
 PRIME CONTRACTOR \_\_\_\_\_ LOCATION OF WORK \_\_\_\_\_  
 TASK ACTIVITY (List Basic Job Steps) \_\_\_\_\_

### POTENTIAL HAZARDS

A Electrocution/Shock	I Pinch Points	Q Silica Dust	Y Heat Stress/Cold Temperatures
B Fall From Heights	J Flying Particles	R Asbestos	Z Compressed Air
C Work Overhead	K Heavy Duty Equipment	S Poor Work Position	AA Slippery/Uneven Surfaces
D Noise	L Severe Weather	T Lifting: Manual/Mechanical	BB Motor Vehicle
E Confined Space Entry	M Welding Fume	U Flammable Materials	CC Slippery Surfaces
F Powered Industrial Truck	N Welding Arc	V Chemicals (MSDS Review)	DD Other:
G Excavations/Trenches	O Machinery- Rotate/Moving	W Rough/Sharp Material	
H Hot Work	P Lead Paint	X Poor Lighting	

### ENTER LETTER OF POTENTIAL HAZARD AND CORRECTIVE ACTIONS FOR EACH STEP

LETTER	EACH CORRECTIVE ACTION TAKEN TO ENSURE SAFETY	PERSON RESPONSIBLE

### SAFETY CHECK LIST (CHECK ALL APPLICABLE)

PERMITS REQUIRED	Y	N	PPE NEEDED	Y	N	ELECTRICAL HAZARDS	Y	N
Hot Work Permit (228)688-3639	<input type="checkbox"/>	<input type="checkbox"/>	Hard Hats	<input type="checkbox"/>	<input type="checkbox"/>	Ground Fault Circuit Interrupters (GFCI) being used on all ext. cords	<input type="checkbox"/>	<input type="checkbox"/>
Confined Space Procedure & (228)688-1085	<input type="checkbox"/>	<input type="checkbox"/>	Hearing Protection	<input type="checkbox"/>	<input type="checkbox"/>	Lock Out/Tag Out	<input type="checkbox"/>	<input type="checkbox"/>
			Safety Glasses With Side Shields	<input type="checkbox"/>	<input type="checkbox"/>	Cords & Cables Safe For Use	<input type="checkbox"/>	<input type="checkbox"/>
Excavation/Digging/Boring Permit (228)688-2961	<input type="checkbox"/>	<input type="checkbox"/>	Gloves Type: _____	<input type="checkbox"/>	<input type="checkbox"/>	Extension Cords 3 Wire Type & Hard or Extra Hard Duty	<input type="checkbox"/>	<input type="checkbox"/>
			Rubber Boots	<input type="checkbox"/>	<input type="checkbox"/>			
Safe Atmospheric Verification Required	<input type="checkbox"/>	<input type="checkbox"/>	Fall Protection Equipment	<input type="checkbox"/>	<input type="checkbox"/>	Electrical Tools/Cords Inspected	<input type="checkbox"/>	<input type="checkbox"/>
			Face Shield	<input type="checkbox"/>	<input type="checkbox"/>	High Voltage Lines Identified	<input type="checkbox"/>	<input type="checkbox"/>
Utility Outage Request	<input type="checkbox"/>	<input type="checkbox"/>	Coverall/Disposable Clothing	<input type="checkbox"/>	<input type="checkbox"/>	Live Parts > 50 Volts Guarded	<input type="checkbox"/>	<input type="checkbox"/>
HazOp - Crane/Critical Lift Plan	<input type="checkbox"/>	<input type="checkbox"/>	Goggles (Chemical or Particulate)	<input type="checkbox"/>	<input type="checkbox"/>	Other	<input type="checkbox"/>	<input type="checkbox"/>
<b>FIRE PROTECTION PRECAUTIONS</b>			First Aid Kit	<input type="checkbox"/>	<input type="checkbox"/>	Other	<input type="checkbox"/>	<input type="checkbox"/>
Fire Blankets	<input type="checkbox"/>	<input type="checkbox"/>	Safety Shower Available	<input type="checkbox"/>	<input type="checkbox"/>			
Welding Screens	<input type="checkbox"/>	<input type="checkbox"/>	Eye Wash Available (15 Min.)	<input type="checkbox"/>	<input type="checkbox"/>	<b>WORK PLATFORMS FOR TASK</b>		
Flammables Removed	<input type="checkbox"/>	<input type="checkbox"/>	Flash Resistant Clothing	<input type="checkbox"/>	<input type="checkbox"/>	Scaffold (Inspected and Tagged)	<input type="checkbox"/>	<input type="checkbox"/>
Fire Extinguishers Available	<input type="checkbox"/>	<input type="checkbox"/>	Respiratory Protection	<input type="checkbox"/>	<input type="checkbox"/>	JLG/Scissors Lift (Operator Cert.)	<input type="checkbox"/>	<input type="checkbox"/>
Trained Firewatcher Stationed	<input type="checkbox"/>	<input type="checkbox"/>	Supplied Air Respirator	<input type="checkbox"/>	<input type="checkbox"/>	Ladders (Inspected & Secured)	<input type="checkbox"/>	<input type="checkbox"/>
<b>BARRICADES NEEDED</b>			SCUBA	<input type="checkbox"/>	<input type="checkbox"/>	Other	<input type="checkbox"/>	<input type="checkbox"/>
Caution (Yellow)	<input type="checkbox"/>	<input type="checkbox"/>	<b>OTHER</b>					
Danger (Red)	<input type="checkbox"/>	<input type="checkbox"/>	Trench/Excavation Inspected	<input type="checkbox"/>	<input type="checkbox"/>	<b>EMERGENCY PROCEDURES</b>		
Hard Barricade	<input type="checkbox"/>	<input type="checkbox"/>	MSDS Available On Site	<input type="checkbox"/>	<input type="checkbox"/>	Security (228)688-3636	<input type="checkbox"/>	<input type="checkbox"/>
Flashing Lights	<input type="checkbox"/>	<input type="checkbox"/>	Water/Gatorade	<input type="checkbox"/>	<input type="checkbox"/>	Posted Emergency/POC Listing	<input type="checkbox"/>	<input type="checkbox"/>
Flag Man/Spotter	<input type="checkbox"/>	<input type="checkbox"/>	Posted OSHA Posters	<input type="checkbox"/>	<input type="checkbox"/>	Lightening Precautions	<input type="checkbox"/>	<input type="checkbox"/>
Traffic Cones	<input type="checkbox"/>	<input type="checkbox"/>	Fall Protection Anchor Points	<input type="checkbox"/>	<input type="checkbox"/>			
			Slings/Hoists Inspected	<input type="checkbox"/>	<input type="checkbox"/>			
			Guard In Place	<input type="checkbox"/>	<input type="checkbox"/>			
			Proper Tools	<input type="checkbox"/>	<input type="checkbox"/>			

### DAILY / PRE-WORK SAFETY MEETING

(CREW SIGN-IN ON PAGE 3)

**TOPIC:** \_\_\_\_\_



## SSC SAFETY & HEALTH ACTIVITY HAZARD ANALYSIS

NASA S&MA	SSC SITE SPECIFIC SAFETY REQUIREMENTS	SSP-8715-0001
<p><b>NOTE:</b> If the nature or scope of work or area conditions change, or if any unique or unplanned hazards arise, the affected work must be halted until this AHA can be evaluated by its endorser.</p>		
<p><b>NOTE: Stop Work Activity</b> - All employees and sub-contractors have the authority and responsibility to stop any work that is judged to be immediately dangerous to life and health (IDLH). (SSP-8715-0001, Section 2.8.1)</p>		
<p><b>NOTE: Accident Reporting</b> - A NASA Mishap Report (Form 1627) is required for all incidents (including first aid) and close calls within the first 24 hours of any accident. Notification of Security and the NASA SSC S&amp;MA Construction Safety Manager is required immediately after any incident. (SCWI-8715.0008, Section 6.7)</p>		
<p><b>NOTE: Confined Space Entry</b> - The NASA SSC Confined Space Permit shall be used. Contact the Construction and Contracting Officer Technical Representative for a confined space permit. (SCWI-8715.0008, Section 9.2)</p>		
<p><b>NOTE: Hot Work</b> - A hot work permit shall be requested from the SSC Fire Department for any activity where there is a source of ignition. (SCWI-8715.0008, Section 9.4)</p>		
<p><b>NOTE: Safe Atmospheric Verifications</b> - Prior to any work being done in a hazardous or a potentially hazardous atmosphere i.e. Confined Space, Process Safety Management Covered Processes, a competent person shall perform all necessary atmospheric tests using a properly calibrated instrument. (SCWI-8715.0008, Section 5.4)</p>		
<p><b>NOTE: Lightning Alerts</b> - Lightning warnings will be announced when lightning is detected within (5) miles of SSC. All personnel must seek shelter in approved locations. Operations under way at the time will be secured and personnel will seek shelter. (SSP-8715-0001, Section 3.5)</p>		
<p><b>NOTE: Trenches/Excavation</b> - All trenching/excavation work deeper than 12 inches requires a dig permit. All trenches/excavations deeper than (4) feet with personnel entering, the dig permit shall be reviewed and approved by the SSC representative. All trenches/excavations shall be evaluated to determine if they will meet the classification of a permit-required confined space. The dig permit is valid only when all required signatures are present on the form. (SCWI-8715.0008, Section 9.25)</p>		
<p><b>NOTE: Personal Protective Equipment</b> - Minimum PPE requirements on construction sites shall be hard hat, safety glasses with side shields and safety footwear. Goggles, face shields, protective clothing and other PPE shall be worn in accordance with activity and requirements. (SCWI-8715.0008, Section 9.3)</p>		
<p><b>NOTE: Electrical Safety</b> - A lock and tag are required when servicing or maintaining equipment where the unexpected release of energy could result in injury to personnel, facilities or the environment. Work on or near live electrical equipment requires an electrical permit. (SCWI-8715.0008, Section 9.7)</p>		
<p><b>NOTE: Fall Protection</b> - Fall protection is required for all work areas above <b>six (6)</b> feet in height. A safety monitoring system is not an acceptable fall protection system for small low slopped/ flat roofs at SSC. (SCWI-8715.0008, Section 9.9)</p>		
<p><b>NOTE: Material Safety Data Sheets</b> - Contractors shall provide to SSC all MSDS for materials that are brought on SSC property. MSDS must be available for review at the job site. (SCWI-8715.0008, Section 9.12)</p>		
<p><b>NOTE: Scaffolding</b> - All scaffolding must be inspected by NASA Safety prior to initial use and by the contractor's scaffold competent person prior to every shift using SSC's tagging system. (SCWI-8715.0008, Section 9.28)</p>		
<p><b>NOTE: Traffic Control Plan</b> - A traffic control plan shall be submitted to NASA Safety for review when working within 15 feet of a traveled roadway. (SSP-8715-0001, Section 2.9.1)</p>		
<p><b>NOTE: Communication Devices</b> - Use of a communication device (cell phone, radio) by the driver of any vehicle is prohibited unless the vehicle is safely parked or the driver is using a hands-free device. (SSP-8715-0001, Section 2.9.1)</p>		
<p><b>NOTE:</b> All Contract personnel shall have completed NASA safety orientation. (SCWI-8715.0008, Section 6.3.1)</p>		
<p><b>NOTE:</b> A list of all contractor chemicals and matching MSDS sheets shall be submitted to the IH Department by the Project Manager for review before work starts. Seven working days notice is preferred. (SCWI-8715.0008, Section 9.12)</p>		
<p><b>NOTE:</b> Disposal of waste and debris must be coordinated with NASA SSC's Environmental Service Department. (SCWI-8715.0008, Section 9.16)</p>		
<p><b>NOTE:</b> Failure to observe any of these rules or industry standards and regulations may result in immediate and permanent discharge from the job site. (SCWI-8715.0008, Section 6.2)</p>		
<p><b>Reminder:</b>  <b>Mishap Exposure Reports - Mishap Exposure Reports shall be completed by each contractor and subcontractor after the close of each calendar month.</b></p>		