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 (Digital Signature or 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 (SDS 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	☐	☐	Hard Hats	☐	☐	Ground Fault Circuit Interrupters (GFCI) being used on all ext. cords	☐	☐
			Steel Toe/Safety Shoes	☐	☐			
Confined Space Procedure (228)688-2029	☐	☐	Hearing Protection	☐	☐	Lock Out/Tag Out	☐	☐
			Safety Glasses With Side Shields	☐	☐	Cords & Cables Safe For Use	☐	☐
Excavation/Digging/Boring Permit (228)688-2029	☐	☐	Gloves Type: _____	☐	☐	Extension Cords 3 Wire Type & Hard or Extra Hard Duty	☐	☐
			Rubber Boots	☐	☐			
Safe Atmospheric Verification Required	☐	☐	Fall Protection Equipment	☐	☐	Electrical Tools/Cords Inspected	☐	☐
			Face Shield	☐	☐	High Voltage Lines Identified	☐	☐
Utility Outage Request	☐	☐	Coverall/Disposable Clothing	☐	☐	Live Parts > 50 Volts Guarded	☐	☐
HazOp - Crane/Critical Lift Plan	☐	☐	Goggles (Chemical or Particulate)	☐	☐	Other	☐	☐
FIRE PROTECTION PRECAUTIONS			First Aid Kit	☐	☐	Other	☐	☐
Fire Blankets	☐	☐	Safety Shower Available	☐	☐			
Welding Screens	☐	☐	Eye Wash Available (15 Min.)	☐	☐	**WORK PLATFORMS FOR TASK**		
Flammables Removed	☐	☐	Flash Resistant Clothing	☐	☐	Scaffold (Inspected and Tagged)	☐	☐
Fire Extinguishers Available	☐	☐	Respiratory Protection	☐	☐	JLG/Scissors Lift (Operator Cert.)	☐	☐
Trained Firewatcher Stationed	☐	☐	Supplied Air Respirator	☐	☐	Ladders (Inspected & Secured)	☐	☐
BARRICADES NEEDED			SCUBA	☐	☐	Other	☐	☐
Caution (Yellow)	☐	☐	**OTHER**					
Danger (Red)	☐	☐	Trench/Excavation Inspected	☐	☐	**EMERGENCY PROCEDURES**		
Hard Barricade	☐	☐	SDS Available On Site	☐	☐	Security (228)688-3636	☐	☐
Flashing Lights	☐	☐	Water/Gatorade	☐	☐	Posted Emergency/POC Listing	☐	☐
Flag Man/Spotter	☐	☐	Posted OSHA Posters	☐	☐	Lightning Precautions	☐	☐
Traffic Cones	☐	☐	Fall Protection Anchor Points	☐	☐			
			Slings/Hoists Inspected	☐	☐			
			Guard In Place	☐	☐			
			Proper Tools	☐	☐			

DAILY / PRE-WORK SAFETY MEETING

(CREW SIGN-IN ON PAGE 2)

TOPIC:

CREW SIGN-IN BEFORE TASK

Task Start Date: _____ **Task End Date:** _____

I understand the safety precautions and have the training to perform this task incident free. (Signatures of all employees)

SSC SAFETY & HEALTH ACTIVITY HAZARD ANALYSIS

NASA S&MA	SSC SITE SPECIFIC SAFETY REQUIREMENTS	SSP-8715-0001

NOTE: 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 endorsers.

NOTE: **Stop Work Activity** - 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)**

NOTE: **Accident Reporting** - 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&MA Construction Safety Manager is required immediately after any incident. **(SCWI-8715.0008)**

NOTE: **Confined Space Entry** - The NASA SSC Confined Space Permit shall be used. Contact the Construction and Contracting Officer Technical Representative for a confined space permit. **(SCWI-8715-0004)**

NOTE: **Hot Work** - A hot work permit shall be requested from the SSC Fire Department for any activity where there is a source of ignition. **(SCWI-8838-0002)**

NOTE: **Safe Atmospheric Verifications** - 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. **(SSP-8715-0001)**

NOTE: **Lightning Alerts** - 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)**

NOTE: **Trenches/Excavation** - 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)**

NOTE: **Personal Protective Equipment** - 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-8715-0002)**

NOTE: **Electrical Safety** - 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-8715-0006)**

NOTE: **Fall Protection** - Fall protection is required for all work areas above six (6) feet in height. A safety monitoring system is not an acceptable fall protection system for small low slopped/ flat roofs at SSC. **(SCWI-8715-0003)**

NOTE: **Safety Data Sheets** - Contractors shall provide to SSC all SDS for materials that are brought on SSC property. SDS must be available for review at the job site. **(SCWI-8500-0026-ENV)**

NOTE: **Scaffolding** - 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)**

NOTE: **Traffic Control Plan** - A traffic control plan shall be submitted to NASA Safety for review when working within 15 feet of a traveled roadway. **(SSP-8715-0001)**

NOTE: **Communication Devices** - 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)**

NOTE: All Contract personnel shall have completed NASA safety orientation. **(SCWI-8715.0008)**

NOTE: 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-8500-0026-ENV)**

NOTE: Disposal of waste and debris must be coordinated with NASA SSC's Environmental Service Department. **(SCWI-8500-0026-ENV)**

NOTE: 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)**

Reminder:
Mishap Exposure Reports (MER) shall be completed by each General Contractor listing all contractor and sub-contractor required data. Submit MER by COB third day of the new month.