

HANFORD MISSION SUPPORT CONTRACT

Program General Requirements

MSC-PRAC-30452

Revision 0

Effective Date: November 30, 2009

Topic: Safety and Health

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PURPOSE This practice identifies key aspects of the Safety and Health (S&H) program, and establishes prescribed standards to provide employees with a safe and healthful workplace.

SCOPE This practice includes the following major sections:

- General Requirements
- Adverse Weather Conditions
- Competent Person Designations
- Safety Concerns
- Specific Responsibility and Authority
- Safety and Health Records Retention

The requirements of this practice are consistent with the requirements published in the *Hanford Mission Support Contract (MSC) Safety and Health* virtual manual.

APPLICATION This practice applies to Mission Support Alliance (MSA) Construction.

GENERAL REQUIREMENTS Records generated during the performance of this activity are to be included in the Construction Work Package and will be managed in accordance with [MSC-PRAC-30374](#), *Construction Work Package* and [MSC-PRAC-30376](#), *Construction Document Control*.

ADVERSE WEATHER CONDITIONS MSA S&H, construction manager (CM), and construction supervisor/superintendent (CS/S) will be on distribution for PNNL weather station “adverse weather condition” warnings.

Lightning Safety The MSA CM and CS/S are on the PNNL weather station’s warning call list for lightning within 50 miles of the Hanford site.

The CM (or designee) ensures that:

- Upon receiving the “lightning within 50 miles” warning from the PNNL weather station, verbal notifications are made to the CS/S by telephone.

NOTE: *Direct notification to a person is required; leaving a message with/on “voice mail” does not constitute “notification.”*

- The PNNL weather station is called every 20 minutes for updates on the location of the lightning.
- If the lightning gets to the 10-mile boundary, verbal notifications are made to the CS/S by telephone.

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- The PNNL weather station is continuously called until the lightning moves out of the area; verbally notifies the CS/S by telephone as the lightning moves out of the 10-mile radius and the 50-mile radius.

MSA construction implements the following when threatened by lightning storms:

- All work with elevated booms (cranes) or aerial lifts (JLGs) stops when lightning is detected within a 50-mile radius.
- All outside work stops when lightning is detected within a 10-mile radius.

General

When other adverse weather condition warnings are received by the MSA CM, person-to-person telephone contact is made with the CS/S. Details of the adverse weather condition(s) are communicated. The CM takes the necessary and appropriate actions pertaining to all construction employees and work activities, including subcontractors/sub-tier contractors.

NOTE: *MSA CS/S (or designees) in charge of any off-shift and/or overtime activities contact the PNNL weather station to ensure that their name is on the automatic electronic redistribution list for “adverse weather condition.”.*

COMPETENT PERSON DESIGNATIONS

The MSA CM and MSA engineering manager designate Competent Persons and Qualified Persons and document on form [A-6004-293](#) or equivalent. This form is retained by the CM. Subcontractors maintain these documents at the worksite. Competent Persons are designated for the following:

- Aerial lift trainer
- Asbestos
- Cadmium
- Compressed air (tunneling)
- Demolition
- Excavation
- Fall protection
- Heavy construction equipment inspectors for cranes, aerial lifts, and forklifts
- Heavy construction equipment operators (unless “licensed”)
- Ionizing radiation
- Ladders (portable)

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- Lead abatement
- Rigging/Rigging Inspector
- Roof work safety monitor
- Scaffolds
- Steel erection

Competent Persons may be designated for other activities using the same process.

Qualified Persons are designated for the following:

- Concrete and masonry construction
- Excavation, trenching, and shoring design
- Fall protection system design
- Hoisting and rigging (personnel platform design)
- Scaffold design

Competent and Qualified Person designations are reviewed and resigned at least annually. The signed/resigned form is retained by the CM.

SAFETY CONCERNS

Employees should discuss safety and health issues and concerns with their immediate supervisor, as the issues and concerns become apparent. These discussions may take place during prejob briefings, formal or informal walkthroughs, safety meetings, or may be a scheduled meeting with the supervisor.

Employees may contact their safety committees at any time to help resolve safety concerns.

Employees may contact MSA S&H at any time to discuss safety and health concerns. Such concerns may be provided orally or in writing. Employees may request confidentiality or anonymity, which will be honored.

Formal, written employee safety and health concerns are submitted by the employee to the CM, CS/S, S&H, or the MSA Employee Concerns Program (ECP) office through the use of Hanford Site form [A-6000-266](#) or the 373-CARE (2273) hotline; refer to [MSC-PRO-410](#), *Employee Concern Resolution*.

NOTE: *Notes, comments, etc., included on safety meeting reports are not normally transmitted to the MSA ECP office.*

Resolution of employee safety and health concerns is communicated to the employee(s).

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FORMS

Competent/Qualified Person Designations, [A-6004-293](#)

Employee Concern Form, [A-6000-266](#)

RECORDS IDENTIFICATION

Records Capture Table

Name of Document	Submittal Responsibility	Retention Responsibility
<i>Competent/Qualified Person Designations, A-6004-293</i>	CM, Engineering Manager	CM
<i>Employee Concern Form, A-6000-266</i>	Employee, Construction Manager, Construction Supervisor/Superintendent	Employee Concerns Program Office

REFERENCES

[MSC-PRO-410](#), *Employee Concern Resolution*

[MSC-PRAC-30374](#), *Construction Work Package*

[MSC-PRAC-30376](#), *Construction Document Control*