

INDUSTRIAL SAFETY & HEALTH (ISH)

OBJECTIVE

ISH.1 A comprehensive industrial safety & health program has been implemented to address applicable safety requirements at the TA 55 SST Facility. (*Core Requirements 1, 3, and 4*)

Criteria

- Procedures are implemented to address applicable industrial & health safety issues.
- An adequate number of trained personnel are available to support SST facility regarding industrial safety & health concerns.
- Portable fire extinguishers are appropriate for the class of fire they are expected to fight and are located within the proper distance.
- Cranes, hooks, slings, and other rigging are plainly marked as to their capacity and inspected prior to use.
- Forklifts and other powered lifting devices are adequately inspected.
- Operators of cranes and other lifting devices are trained, qualified, and certified on the
- equipment and for the particular size lift.
- Electrical equipment is enclosed and labeled as to its hazard/rating.
- Electrical equipment is labeled/listed by a nationally recognized testing laboratory.
- Electrical power to equipment (i.e., branch circuits) and grounding are inspected and approved by an appropriate electrical inspector, or by approved engineering drawings describe all aspects of the work.
- Lock-tagout procedures are implemented to protect personnel and equipment.
- The PPE used for protecting the head, eyes, hands, and feet is appropriate for the operation, considering the materials, voltages, etc., involved.
- The program is staffed by a sufficient number of qualified personnel who are provided with the necessary facilities and equipment.
-

Approach

Record reviews: Industrial safety & health program requirements, hazard communication procedures and other applicable ISH procedures.

Personnel Interviews: Interview workers to determine understanding of hazards and controls and observe work practices during evolution.

Performance Demonstrations: Observe safety practices during evolution.

OBJECTIVE

ISH.2 Implementation of the industrial safety & health program at the TA-55 SST Facility is adequate to address toxic chemical hazards, noise exposure, electromagnetic fields, lasers, etc. (*Core Requirement 1*)

Criteria

- Operators and support personnel are trained and qualified to work with hazardous materials expected to be encountered in the TA-55 SST Facility.
- The hazardous materials to be used in the facility have been assessed and appropriate special procedures are established (e.g. silica exposure, air monitoring or medical surveillance) for initial operations.
- The PPE used for protecting eyes, hands etc., is appropriate for the materials to be encountered.
- The program is staffed by a sufficient number of qualified personnel who are provided with the necessary facilities and equipment.
- A procedure is in place for monitoring silica exposure.
- An approved program exists for noise abatement.
-

Approach

Record Reviews: Review procedures for discussions of hazardous material handling and disposal, PPE requirements, and prerequisites for worker qualification.

Review worker qualification cards and training materials. Check area for appropriate postings, etc.

Personnel Interviews: Interview workers to determine qualifications and understanding of hazards.

Performance Demonstrations: Observe conduct of evolutions and drills to observe use of PPE.