

Environmental Health & Safety Acronyms

A

- **AHA:** Area Hazard Analysis. A document that describes hazards and controls in a specific area.
- **AHJ:** Authorities Having Jurisdiction. AHJs are individuals at SLAC who are subject matter experts in hazards of special concern. Together with Safety Officers (SO), they generally have oversight duties in their area. All SOs and AHJs report to the Chief Safety Officer.
- **ALARA:** As Low As Reasonably Achievable. A committee that provides expertise in ionizing-radiation radiological doses and releases from radioactive source material and radiation-generating devices, and also evaluates the annual radiological dose records for various groups at SLAC, and proposes changes in operating procedures or equipment design that may lead to a reduction in radiological dose to personnel.
- **ASER:** Annual Site Environmental Reports, which are ESH Divisional Reports.

B

- **BAAQMD:** Bay Area Air Quality Management District.
- **BII:** Basic Incident Information Database.

C

- **CBT:** Computer Based Training.
- **CMS:** Chemical Management Services. An industry term and also a group within the Safety Section ESH.
- **CATS:** Corrective Action Tracking System. Used to track corrective actions generated from SLAC incidents, SLAC assessments, both internal and external, and at times, lessons learned.
- **CRADs:** Criteria Review and Approach Documents.
- **CSO:** Chief Safety Officer. The CSO is appointed by the laboratory director and has oversight duties for safety issues. Safety Officers (SO) and Authorities Having Jurisdiction (AHJ) report to the Chief Safety Officer.

D

- **DART:** Subset of the TRC (Total Reportable Cases, see below) in which incidents result in Days Away from work, work Restrictions, or Transfer.

- **DMUF:** Dust Mask User's Form.
- **DOE:** Department of Energy.
- **DREP:** Dosimetry & Radiological Environment Protection. A group within the RP Department in ESH.

E

- **EMS:** Environmental Management System. Now a part of the ISEMS program. It was originally developed as a parallel to integrated safety management (ISM); the two were merged in 2006.
- **EnvSC:** Environmental Safety Committee.
- **EOESH:** Employee Orientation to Environmental Safety and Health. Training Course #219.
- **EP:** Environmental Protection Department. This department supports sound stewardship practices that are protective of the air, water, land and other natural resources impacted by operations in pursuit of the SLAC mission. A Department in the ESH Division.
- **EqSC:** Earthquake Safety Committee.
- **ER:** Environmental Restoration. A group within the EP Department in ESH.
- **ESC:** Electrical Safety Committee.
- **esh:** environment, safety, and health. When used in small letters in documents, this acronym represents the whole concept. *See below for capitalized letters.*
- **ESH / ES&H / ESHD:** Environment, Safety, and Health Division. When used in capital letters (in any of the combinations shown here), this acronym refers to the Division that oversees top-level policies and programs relating to esh.
- **ESH Coordinator:** Also commonly referred to as 'Safety Coordinator'. A person within a directorate, division, department, or group that serves as the first point-of-contact on esh matters.
- **ETA:** *see STA - term changed in 2004*

F

- **FEM:** Fire and Emergency Management. A group within the RMRD Department in ESH. They manage programs that protect life and property, and that safeguard SLAC's mission of open scientific inquiry, against the occurrence of fires and other emergency and disaster conditions.
- **FMD:** Facility Manager Deputy. Under ORPS, a facility manager deputy is an individual who rotates being on call 24/7 in order to report emergency occurrences at SLAC to DOE

and other necessary parties. FMDs are responsible to the SLAC Facility Manager, who heads the ORPS program.

- **FO:** Field Operations. A group within the RP Department in ESH. They conduct radiological Area (RA) surveys, monitoring and postings.
- **FPSC:** Fire Protection Safety Committee.

G

- **GDF:** Gasoline Dispensing Facility.
- **GERT:** General Employee Radiological Training. Training Course #115.

H

- **HEEC:** Hazardous Experimental Equipment Committee. This committee issues written operational approvals for any significant experiments or facilities it reviews. These approvals document the necessary run conditions and must be renewed if the equipment changes.
- **HRSC:** Hoisting and Rigging Safety Committee.
- **HWM:** Hazardous Waste Management. Also commonly referred to as WM. An industry term, and also a group within the EP Department of ESH. The mission of the Hazardous Waste Management Group is to ensure SLAC manages hazardous waste in compliance with applicable regulations and DOE orders.

I

- **IH:** Industrial Hygiene. An industry term and also a group within the IHIM Department in ESH. The Industrial Hygiene group keeps SLAC healthy and safe by anticipation, recognition, evaluation, prevention, and control of environmental factors or stresses which may cause sickness or impaired health and well being.
- **ISO:** Institutional Safety Officer. Also commonly referred to as SO. A person designated by the SLAC Director having specific ESH authority in a hazard topic such as lasers, radiation, or electricity.
- **ISMS:** See *ISEMS - term changed in 2006 to include EMS*
- **ISEMS:** Integrated Safety and Environmental Management System. A system to bring safety and environment into work practices at all levels.

J

K

L

- **Line Management:** Managers and supervisors who oversee programs, facilities, or people and have a responsibility for safety of each.
- **LOTO:** Lockout/Tagout Program. Allows individual departments to issue LOTO tags and locks to their authorized employees.
- **LocSC:** Local Safety Committee.
- **LSC:** Laser Safety Committee.
- **LSO:** Laser Safety Officer.

M

- **MSDS:** Material Safety Data Sheets.
- **MEWP:** Mobile Elevating Work Platforms.

N

- **NiRSC:** Non-ionizing Radiation Safety Committee.
- **NIOSH:** National Institute for Occupational Safety and Health. The NIOSH Pocket Guide to Chemical Hazards (NPG) is intended as a source of general industrial hygiene information on several hundred chemicals/classes for workers, employers, and occupational health professionals.
- **NPG:** NIOSH Pocket Guide to Chemical Hazards. *See NIOSH above.*

O

- **OIO:** Office of Independent Oversight. The U.S. Department of Energy Office of Independent Oversight conducted an inspection of environment, safety, and health programs at SLAC in October and November 2006.
- **ORPS:** Occurrence Reporting Program System.

P

- **PAAA:** Price Anderson Amendments Act.
- **PCBs:** Polychlorinated Biphenyls. PCB-containing equipment or PCB-contaminated material is strictly regulated under the Toxic Substances Control Act (TSCA) and it must be handled and disposed of in accordance with the requirements described in Chapter 32.

- **PPE:** Personal Protective Equipment.
- **PPWM:** Pollution Prevention and Waste Minimization. A program within the EP Department in ESH. The PPWM program provides support to reduce SLAC impact on the land, water and air quality and promote environmental stewardship in its activities and operations.
- **PTO:** Permit to Operate.

Q

- **QATS:** Quality Assurance Tracking System. A legacy database system that was replaced by the Corrective Action Tracking System (CATS).

R

- **RP / RPD:** Radiation Protection Department in the ESH Division. Radiation Protection supports all radiological designs and operations in support of the mission of SLAC.
- **RP / RPG:** Radiation Physics. An industry term and also a group within the RP Department in ESH. RPG provides oversight for the safe operation of existing beam lines and experiments, and expertise for design of shielding and radiation safety systems for new experiments and facilities. RPG also performs applied research in radiation physics related to the overall SLAC mission, and provides expertise in this area to others at SLAC in support of their research efforts.
- **Recordable Incident:** An incident rising to a defined level of severity that must be recorded on SLAC's OSHA log.
- **RSC:** Radiation Safety Committee.
- **RSO:** Radiation Safety Officer.
- **RWM:** Radioactive Waste Management. A group within the RP Department in ESH. RWM manages, processes, and arranges for disposal of radioactive and mixed wastes. They also develop and implement waste handling procedures to ensure compliance with applicable laws and regulations.

S

- **SADs:** Safety Assessment Documents.
- **Safety Coordinator:** A person within a directorate, division, department, or group that serves as the first point-of-contact on esh matters. The formal term is 'ESH Coordinator', however 'Safety Coordinator' is commonly used. In some areas, the terms are used to

distinguish between the Division lead point of contact (ESH Coordinator) and Group contacts (Safety Coordinator).

- **SATS:** Self-Assessment Tracking System. A legacy database replaced by the current Corrective Action Tracking System (CATS).
- **SME:** Subject Matter Expert. A person in ESH or elsewhere at SLAC with special esh expertise and authority.
- **SMS:** see *ISEMS*. Safety Management System. This version is often used to refer to the program document of ISEMS (Integrated Safety and Environmental Management System).
- **SO:** Safety Officer. Sometimes referred to as ISO (Institutional Safety Officer). A person designated by the SLAC Director having specific ESH authority in a hazard topic such as lasers, radiation, or electricity. All SOs report to the Chief Safety Officer (CSO).
- **SOC:** Safety Overview Committee. One of SLAC's Citizen Committees. Coordinates efforts of other Citizen Committees.
- **SON:** Safety Orientation for Non-SLAC Employees. Training Course #386.
- **STA:** SLAC Training Assessment. A formal process matching training with hazards that an individual faces in his/her work.
- **SWAA:** Satellite Waste Accumulation Areas. A special area that meets specific regulatory criteria and follows special rules. SWAA designation is reserved for areas that generate small amounts of waste from a single process. SLAC has only a few SWAAs.

T

- **TRC:** Total Recordable Case. A rating used in recordable incidents, defined as the number of cases per 200,000 person hours worked per year. Often used in conjunction with DART statistics (in which incidents result in Days Away from work, work Restrictions, or Transfer).

U

- **USEPA:** United States Environmental Protection Agency.
- **UTR:** University Technical Representative. The UTR Guide is the formal SLAC University Technical Representative Requirements and Procedures for Construction.

W

- **WAA:** Waste Accumulation Area.

- **WM:** Waste Management. The formal name is 'Hazardous Waste Management' (HWM), however, this shortening is commonly used. An industry term, and also a group within the EP Department of ESH. The mission of the Hazardous Waste Management Group is to ensure SLAC manages hazardous waste in compliance with applicable regulations and DOE orders.
- **WSHP:** Worker Safety & Health Program.