

Success of SNL/CA's EMS depends on you!

Sandia/CA's EMS will only be successful through full integration into all aspects of site operations. You can participate in SNL/CA's success by considering environmental impacts when planning and performing your work.

Here are a few simple ways you can support SNL/CA's EMS success:

- Consider using less toxic chemicals for laboratory activities
- Minimize waste by purchasing only the amount of chemicals needed
- Incorporate sustainable design principles into new and remodeled facilities
- Recycle all office paper products
- Minimize the use of once through potable water for equipment cooling
- Minimize your use of carts
- Don't refuel your vehicles, including carts, on Spare the Air Days
- Buy products made from recycled materials
- Turn off your lights when leaving your workspace for an extended period of time

For additional information on EMS, our objectives and our environmental programs, visit the new ES&H website at

<http://surf.ran.sandia.gov/centers/8500/esh>

ISO 14001 Certification

The SNL/CA EMS Program is certified to the International Standard for Environmental Management Systems, ISO 14001:2004.

What does ISO certification mean? The International Organization for Standardization (ISO) is the world's leading developer of international standards. They have been implemented in hundreds of thousands of organizations in over 161 countries. Their standards specify the requirements for state-of-the-art products, services, and managerial and organizational practice.

ISO 14001:2004 is defined as a "generic management system standard" that can be applied to any organization, large or small regardless of its type of business. It is a system that requires an environmental policy, objectives and targets, programs for implementation, monitoring and measurement, preventive and corrective actions, involvement at all levels and continual improvement.

Certification of SNL/CA's EMS Program demonstrates to our DOE customer, industrial and academic partners, other government agency customers, and environmental regulators that our EMS is sound, effective, and high quality.



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**Environmental
Management
System**

The Basics

**Because Environmental Stewardship
is everyone's responsibility**



Sandia's Environmental Management System, or EMS, is a set of inter-related elements used to establish and achieve environmental policy and goals and to manage environmental risk. It is not a stand-alone system, but rather a component of the corporate Integrated Safety Management System.



EMS follows the same fundamental principles as ISMS — Plan Work, Analyze Hazards, Control Hazards, Perform Work, and Feedback and Improve.

SNL/CA Environmental Management System (EMS) Objectives relate directly to categories of high environmental risk as well as to areas of opportunity for environmental improvement. Our objectives are to:

- Provide exceptional environmental management for the SNL/CA site
- Minimize the volume and contamination of sewer water
- Minimize the volume and pollution of storm water runoff
- Minimize air emissions related to operations and transportation with particular emphasis on Spare the Air Days
- Enhance natural habitat
- Procure / use environmentally friendly products
- Minimize the use of hazardous materials

- Design and manage all buildings and facilities using “green principles”
- Minimize the use of vehicles by members of the work force
- Minimize the quantity of landfill waste through reduced consumption and reuse/recycling
- Minimize site natural gas and electrical consumption



- Minimize the generation of hazardous, radiological and mixed waste
- Minimize the use of biological materials
- Minimize the use of radiological materials
- Minimize the environmental impacts of site contaminated areas
- Reduce site legacy asbestos materials
- Minimize the potential environmental effects of hazardous material due to transportation
- Minimize water consumption
- Minimize the environmental effects of a site seismic event
- Minimize the environmental effects of a site fire emergency

Sandia/CA Environmental Policy

SNL/CA is committed to being a responsible steward of the environmental resources in our care.

We will integrate environmental risk assessment, planning and impact mitigation into every aspect of our work. SNL/CA programs, operations, processes and facilities will be planned and managed such that they support environmental objectives and targets to minimize the creation of waste, pollution, and adverse impact on the public and the environment. SNL/CA will remain committed to an efficient and effective Environmental Management System (EMS) as part of the laboratory's Integrated Safety Management System (ISMS). SNL/CA is committed to continual improvement in all aspects of our environmental performance and commits to establish performance indicators to guide these efforts and measure our progress.

