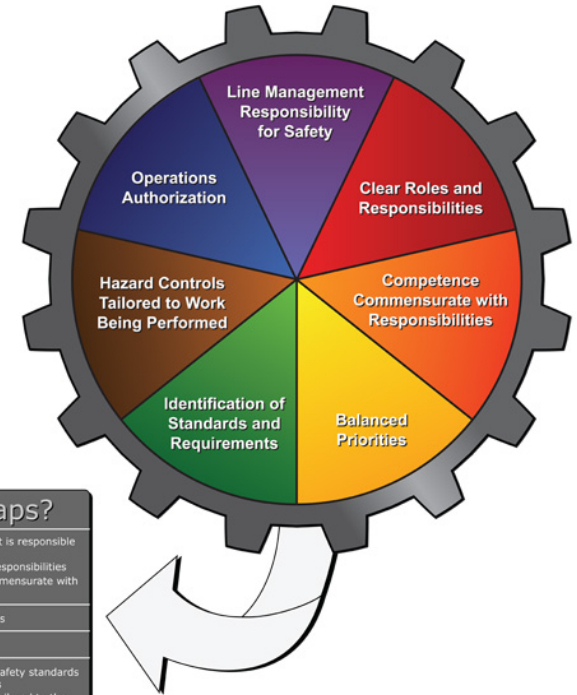




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ISMS Verification



Where are the overlaps?	
1. Define scope of work	1. Line management is responsible for safety
2. Analyze hazards	2. Clear roles and responsibilities
3. Develop/implement hazard controls	3. Competence commensurate with responsibilities
4. Perform work within control	4. Balanced priorities
5. Feedback and improvement	5. Identification of safety standards and requirements
	6. Hazard controls tailored to the work being performed
	7. Operations authorization

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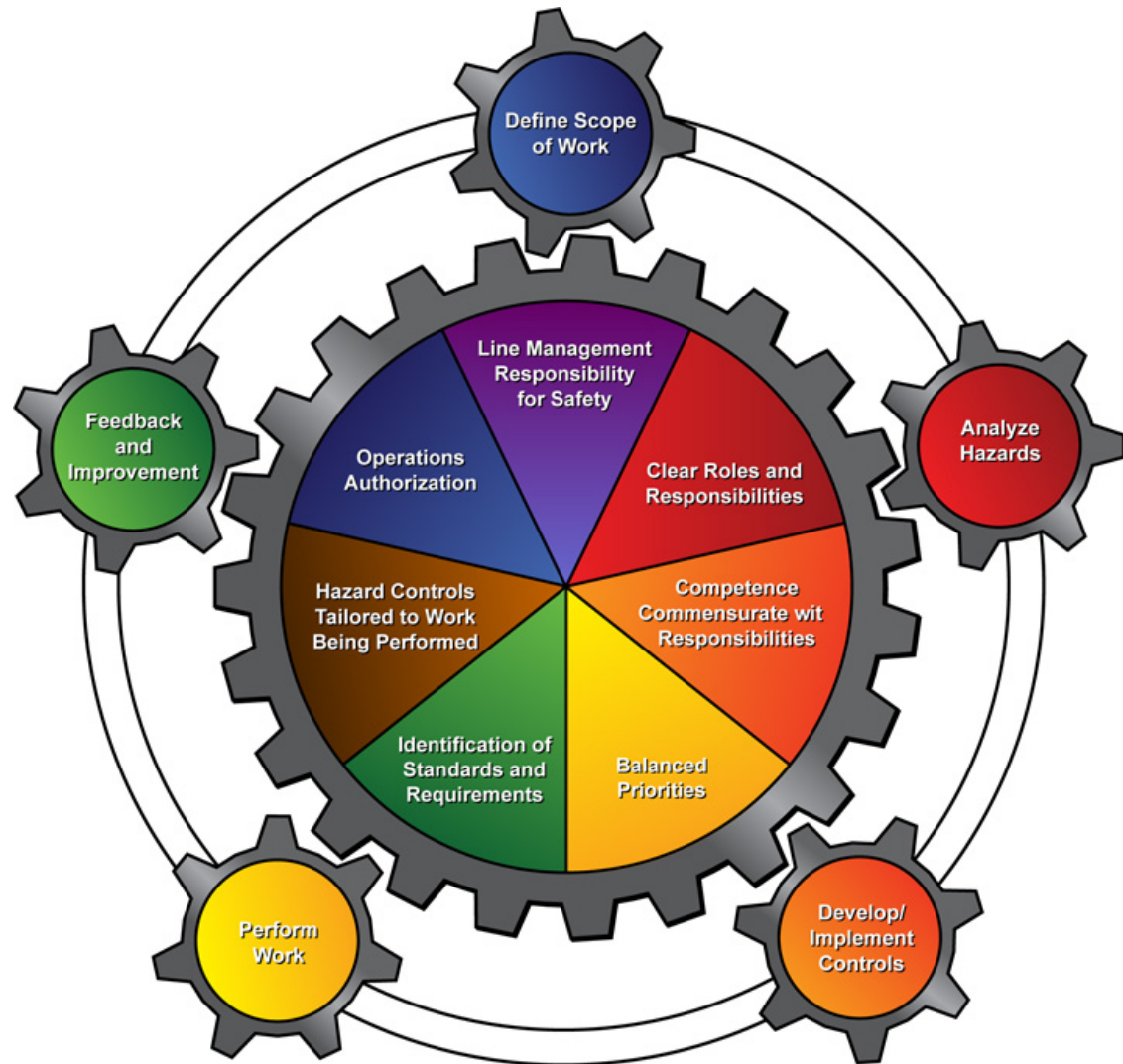
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ISMS Refresher

- Integrated **S**afety **M**anagement **S**ystem
- Ensures that
 - All environmental, health, and safety elements are integrated into safety
 - Safety is incorporated into all work activities
- Consists of a set of processes provided in several Argonne manuals
- Argonne's ISMS is described in the *Worker Safety and Health Program/Integrated Safety Management System Description February 20, 2008*
- Argonne's ISMS key responsibilities and requirements are given in ESH Manual Section 1.1 Argonne Environment, Safety and Health Program

ISMS Key Principles and Core Functions

- 7 key principles
- 5 core functions
- Principles and core functions interact



What Is ISMS Verification?

- **Performance-based review of the functioning Integrated Safety Management (ISM) System at Argonne**
- **DOE Argonne Site Office (ASO) is required to periodically perform ISMS verifications**
- **Can work to Argonne's advantage in getting us ready for the HSS review likely to occur in 2009**
- **Focus**
 - Implementation of integrated processes for “doing work safely”
 - Policies and procedures and their execution in the workplace
 - Planning and control of work including feedback and improvement
 - Day to day/routine work is also important

When and Who?

- **2 week review, July 14-23**

- **Eleven person DOE Team**

- Team Leader
- 5 pair of team members
- Team consists of
 - *5 persons from DOE-CH Safety and Technical Services*
 - *3 persons from DOE-Argonne Site Office (ASO)*
 - *1 person from DOE's New Brunswick Laboratory*
 - *1 person from DOE-SC (HQ)*
 - *1 person from BNL (only non-DOE member)*

What Will the DOE Team Do?

- 3 pair will conduct “vertical slice” reviews of APS and 2 other site organizations
 - Review “flow down” of ISMS through Argonne’s organizational levels
 - Review final implementation at work site

- 1 pair will conduct “horizontal slice” review across Laboratory organizations of ISMS implementation of specific Industrial Safety/Industrial Hygiene issues

- Remaining pair will review Argonne’s progress in addressing Laboratory-wide concerns on Work Planning & Control (WP&C) and the Argonne contractor assurance system (CAS)

- Reviews will consists of
 - Collecting and reading documents, including specific task procedures
 - Interviewing individuals
 - Witnessing work activities

What can we do to get ready?



DON'T PANIC

Simple Stuff to Do for Preparation

- Review current policies and procedures before July 14 and do one of three things for each one:
 - Revise with an update
 - Label as “reviewed – no changes necessary”
 - Delete

- Clean up beamline and laboratory areas
 - Keep all egress aisles open
 - Properly store flammables, chemicals, gas cylinders, and sharps
 - Don’t have food and drink on same surface as squeeze bottles, spray cans, or chemical containers
 - Keep areas in front of electrical panels clear of obstructions, even trash cans

More Simple Stuff for Preparation

- Have staff members fluent in “ISMese”
 - Need to know how to translate normal working terms into ISM speak
 - Must be able to converse with DOE Team members in terms the DOE folks will understand
 - Other staff members or users should be able to recognize “ISMese” and know to get someone who’s fluent to help translate
- Have staff members and users follow specified work controls
 - Wear proper attire as specified by Argonne
 - Wear PPE when handling chemicals and LN2
 - Have readily accessible written instructions or procedures for operating equipment
 - Keep fire doors closed unless need to prop open momentarily to move equipment through door – *don’t prop open for ventilation or convenience*
 - Keep user machine shop doors closed when no one is inside the rooms

Most Importantly!!

Say what you do

Do you have documents that clearly state your practices and procedures?

Do what you say

Are you following the practices and procedures that are in place?