



Overview: DOE Order 450.1A, *Environmental Protection Program*

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What's Covered?



- Why Re-Write O 450.1?
- New EMS Requirements
- How Far Does the EMS Reach?
- Are the Order's Sustainable Practices Required?
- What About ISO?



Why Re-Write DOE O 450.1?



- DOE O 450.1 was revised to include the environmental and EMS requirements of EO 13423, *Strengthening Federal Environmental, Energy, and Transportation Management* and its Implementing Instructions
- Drafts subjected to pre-RevCom and RevCom review and comment
- DOE O 430.2B, *Departmental Energy, Renewable Energy and Transportation Management*, was revised to include the energy and transportation requirements of the EO and its Implementing Instructions



New EMS Requirements



- EMSs are to “reflect the EMS elements and framework found in ISO 14001:2004”
- Serve as the primary management approach for addressing the environmental aspects of agency operations and activities, including energy and transportation functions
- Shall include specified compliance management elements, including an environmental compliance audit program that identifies compliance needs and possible root causes of non-compliance.
- Each EMS must have “a formal audit by a qualified party outside the control or scope of the EMS” before declaring full implementation of the EMS, and every three years thereafter



How Far Does the EMS Reach?



- Tenant and concessionaire activities affecting site environmental, energy, and transportation management must be addressed in the site EMS
- Tenant: one who temporarily holds or occupies land, a building, or other property owned by another
 - example: USGS is a tenant at INL
- Concessionaire: one who has the privilege of maintaining a business within a certain premise
 - example: a coffee stand in a Federal building



Are the Order's Sustainable Practices Required?



- DOE sites need only implement sustainable practices where they are appropriate, taking into account
 - legal requirements
 - requirements of EO 13423 and its Implementing Instructions
 - mission performance
 - life-cycle costs

- Operational assessments of site operations and activities will help identify opportunities to implement the appropriate sustainable practices as part of achieving DOE's Sustainable Environmental Stewardship goals



What About ISO?



- DOE 450.1A does not require sites to certify conformance to and implementation of ISO 14001
- DOE O 450.1A does require that the EMS reflect the
 - framework and
 - elementsof the ISO 14001:2004(E) International Standard or equivalent
- ISO framework and elements assist sites to
 - identify and control environmental impacts
 - implement a systematic approach to setting environmental objectives and targets
 - improve environmental performance continually



Contact



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