

## EH Resident Competency 2.8

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**Competency 2.8** EH Residents shall demonstrate a familiarity level knowledge of the requirements for occupational safety and health in the following Department of Energy (DOE) Orders:

- DOE Order 5480.8A, Contractor Occupational Medical Program
- DOE Order 5480.9A, Construction Safety and Health Program
- DOE Order 5480.10, Contractor Industrial Hygiene Program
- DOE Order 5483.1A, Occupational Safety and Health Program for DOE Employees at Government-Owned Contractor-Operated Facilities

### 1. Supporting Knowledge and Skills

- a. Discuss the purpose and scope of the Orders listed above.
- b. Discuss the applicability and impact of the above listed Orders on the EH oversight program.
- c. Describe the authorities and responsibilities of the EH Residents with respect to the Orders listed above.

NOTE: DOE Order 5480.8A, 5480.9A, 5480.10, and 5483.1A have been canceled by DOE Order 440.1, *Worker Safety and Health Program*.

### 2. Self-Study Activities (corresponding to the intent of the above competency)

Below are two web sites containing many of the references you may need.

Web Sites		
Organization	Site Location	Notes
Department of Energy	<a href="http://wastenot.inel.gov/cted/stdguido.html">http://wastenot.inel.gov/cted/stdguido.html</a>	DOE Standards, Guides, and Orders
OSHA	<a href="http://www.osha-slc.gov/">http://www.osha-slc.gov/</a>	OSHA documents and search engine
U.S. House of Representatives	<a href="http://law.house.gov/cfr.htm">http://law.house.gov/cfr.htm</a>	Searchable Code of Federal Regulations

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**Scan** the listed Orders:

- DOE Order 5480.8A, *Contractor Occupational Medical Program*
- DOE Order 5480.9A, *Construction Project Safety and Health Management*
- DOE Order 5480.10, *Contractor Industrial Hygiene Program*
- DOE Order 5483.1A, *Occupational Safety and Health Program for DOE Employees at Government-Owned, Contractor-Operated Facilities*

EXERCISE 2.8-A Discuss the purpose and scope of the Orders listed above.

EXERCISE 2.8-B Discuss the applicability and impact of the listed Orders on the EH oversight program:

- DOE Order 5480.8A, *Contractor Occupational Medical Program*
- DOE Order 5480.9A, *Construction Project Safety and Health Management*
- DOE Order 5480.10, *Contractor Industrial Hygiene Program*
- DOE Order 5483.1A, *Occupational Safety and Health Program for DOE Employees at Government-Owned, Contractor-Operated Facilities*

### 3. Summary

With the implementation of the Occupational Safety and Health Act of 1970 for private industry, federal departments and offices were exempted. Orders were issued to establish the programs specifically for DOE and its contractors. The Orders listed establish a contractor occupational medical program, a construction safety and health program, a contractor industrial hygiene program, and an occupational safety and health program for Government-Owned, Contractor-Operated (GOCO) Facilities.

### 4. Exercise Solutions

EXERCISE 2.8-A Discuss the purpose, scope of the Orders listed above.

EXERCISE 2.8-B Discuss the applicability and impact of the listed Orders on the EH oversight program:

- DOE Order 5480.8A, *Contractor Occupational Medical Program*
- DOE Order 5480.9A, *Construction Project Safety and Health Management*
- DOE Order 5480.10, *Contractor Industrial Hygiene Program*
- DOE Order 5483.1A, *Occupational Safety and Health Program for DOE Employees at Government-Owned, Contractor-Operated Facilities*

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### ANSWER 2.8-A and B

Selected Occupational Safety and Health Orders: Purpose and Scope			
Order	Purpose	Scope/Applicability	Impact
5480.8A	To establish the minimum occupational medical program requirements for DOE.	<p>Scope: The provisions of this Order apply to all Departmental elements and contractors performing work for the Department as provided by law and/or contract and as implemented by the appropriate contracting officer.</p> <p>Applicability: The provisions of this Order apply to all Departmental elements and contractors performing work for the Department as provided by law and/or contract and as implemented by the appropriate contracting officer.</p>	Assessments will have to include the contractor occupational medical program for contracts that are within the scope of this Order.
5480.9A	To establish specific requirements for the management of occupational safety and health (OSH) on DOE construction projects.	<p>Scope: The provisions of this Order apply to all Departmental elements and, to the extent provided in their contracts/ subcontracts, to contractors and subcontractors performing work on DOE construction projects that exceed the monetary threshold (currently \$2,000) for application of the wage standards prescribed by the Davis-Bacon Act (40 U.S.C. 276a-276a-7).</p> <p>Applicability: The requirements of this Order shall apply to contracts at government-owned or -leased facilities upon which the contract clause "Safety and Health (Government-owned or -leased Facility)" (DEAR 970.5204-2) applies.</p>	Contractor assessments will have to include the contractor safety and health program for contracts that are within the scope of this Order.

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Selected Occupational Safety and Health Orders: Purpose and Scope			
Order	Purpose	Scope/Applicability	Impact
5480.10	To establish the requirements and guidelines applicable to DOE contractor operations for maintaining an effective industrial hygiene program to preserve employee health and well-being.	<p>Scope: The provisions of this Order apply to all Departmental elements and to contractors performing work for the Department as provided by law and/or contract and as implemented by the appropriate contracting officer.</p> <p>Applicability: The Order lists the responsibilities and authorities of Departmental elements for policy development and overview of industrial hygiene programs at government-owned, contractor-operated (GOCO) facilities. The industrial hygiene program elements contained in this Order apply to contractor organizations performing the actual work or job-related tasks and whose contracts include the occupational safety and health contract clause specified in DOE Acquisition Regulation, 48 CFR 970.520401, "Safety and Health." The program elements do not apply to control of occupational exposure to ionizing radiation.</p>	Contractor assessments will have to include the contractor industrial hygiene program for contracts that are within the scope of this Order.

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Selected Occupational Safety and Health Orders: Purpose and Scope			
Order	Purpose	Scope/Applicability	Impact
5483.1A	To establish requirements and procedures to assure that occupational safety and health standards prescribed pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, provide occupational safety and health protection for DOE contractor employees in government-owned contractor-operated (GOCO) facilities that is consistent with the protection afforded private industry employees by the occupational safety and health standards promulgated under the Occupational Safety and Health Act of 1970 (OSHA), Public Law 91-596.	<p>Scope: The provisions of this Order apply to all elements of DOE and to DOE contractors whose contracts include the occupational safety and health contract clause specified in DOE Procurement Regulation (PR) 9-50.704-2(a). The provisions of this Order apply only with respect to radiation hazards in the workplace to DOE contractors whose contracts include the radiation protection contract clause specified in DOE PR 9-50.704-2 (b).</p> <p>Applicability: To provide occupational safety and health protection for DOE contractor employees in government-owned, contractor-operated (GOCO) facilities that is consistent with the protection afforded private industry employees by the occupational safety and health standards promulgated under the Occupational Safety and Health Act of 1970 (OSHA), Public Law 91-596.</p>	Contractor assessments will have to include the contractor occupational safety and health program for contracts that are within the scope of this Order.