Department of Defense
DIRECTIVE

SUBJECT: Environment, Safety, and Occupational Health (ESOH)

References: (a) DoD Directive 4715.1 "Environmental Security," February 24, 1996
(hereby canceled)
(b) DoD Directive 5134.1, "Under Secretary of Defense for Acquisition,
Technology, and Logistics (USD(A&T))," April 21, 2000
(c) Executive Order (E.O.) 13101, "Greening the Government Through Waste
Prevention, Recycling, and Federal Acquisition"
(d) Executive Order (E.O.) 12196, "Occupational Safety and Health Programs
for Federal Employees"
(e) DoD Directive 5101.1, "DoD Executive Agent," September 3, 2002

1. REISSUANCE AND PURPOSE

This Directive:

1.1. Reissues reference (a) and establishes policy on environment, safety, and occupational
health to sustain the DoD mission

1.2. Continues to authorize the Armed Forces Pest Management Board (AFPMB).

2. APPLICABILITY AND SCOPE

2.1. This Directive applies to:

2.1.1. The Office of the Secretary of Defense (OSD), the Military Departments
(including their reserve components and the Coast Guard when it is operating as a
Military Service in the Navy), the Chairman of the Joint Chiefs of Staffs and the
Joint Staff, the Combatant Commands, the Inspector General of the Department
of Defense, the Defense Agencies, the DoD Field Activities, and all other
organizational entities in the Department of Defense (hereafter referred to
collectively as the "DoD Components").

2.1.2. DoD operations, activities, and installations worldwide, including Government-
owned/contractor-operated facilities.

2.2. The scope of ESOH in the DoD encompasses, but is not limited to, pollution prevention,
compliance, conservation, restoration, munitions response, safety, occupational health,
explosives safety, fire and emergency services, pest management, environmental
technology, and international activities.

3. DEFINITIONS

Terms used in this Directive are defined in Enclosure 2.

4. POLICY

It is DoD policy:

4.1. To manage and apply the Department's installation assets to sustain the national defense mission.

4.2. To employ ESOH management systems in mission planning and execution across all activities, including acquisition, procurement, logistics, facility management, and operations.

4.3. To ensure organizations that create potential ESOH risks through their mission activities also plan, program, and budget to manage those risks.

4.4. To evaluate all activities for current and emerging ESOH resource requirements and make prudent investments in initiatives that support mission accomplishment, enhance readiness, reduce future funding needs, prevent pollution, ensure cost effective compliance, and maximize the existing resource capability.

4.5. That installation hosts ensure, through a host-tenant agreement or otherwise, that all DoD and non-DoD tenants comply with ESOH requirements that conform to applicable law and DoD policy.

4.6. To establish and maintain open and productive ESOH dialogue:

4.6.1. In the United States, with Federal, State, inter-state, Indian tribal, and local officials, the public, and private organizations.

4.6.2. Outside the United States, with host nations and international organizations.

5. RESPONSIBILITIES

5.1. The <u>Under Secretary of Defense for Acquisition, Technology, and Logistics USD(AT&L)</u>, shall:

5.1.1. Establish objectives, guidance, and procedures for ESOH aspects of the DoD mission, as authorized by reference (b).

5.1.2. Delegate ESOH-related authorities assigned in this Directive and reference (b) as required for efficient program execution.

5.1.3. Support the operational mission by establishing objectives, guidance, and procedures requiring:

5.1.3.1. Management of ESOH assets to cost effectively sustain mission capability.

5.1.3.2. Identification of ESOH asset requirements.

5.1.3.3. Measurement and reporting of ESOH performance across all organizations with mission activities that entail ESOH risks.

5.1.4. Identify and analyze operational and financial risks of emerging ESOH issues.

5.1.5. Issue ESOH asset management policy for use by the Components in planning, programming, and budgeting, including the occupational health aspects of the Defense Health Program (DHP).

5.1.6. Provide oversight for DoD ESOH programs as follows:

5.1.6.1. Establish processes to measure, audit and report internally and externally on DoD ESOH performance across all functional areas and activities.

5.1.6.2. Validate DoD Components' resource requirements within ESOH asset management programs.

5.1.6.3. Conduct annual program reviews with DoD Components.

5.1.6.4. Review ESOH asset management performance relative to established metrics at least semiannually.

5.1.6.5. Monitor occupational health program execution and notify ASD(HA) of any discrepancies.

5.1.6.6. Conduct quarterly DHP budget execution reviews.

5.1.6.7. Initiate corrective action for discrepancies found through oversight activities of ESOH asset management.

5.1.6.8. Request focused program evaluations from the DoD Inspector General as needed.

5.1.7. Establish an OSD-level ESOH management review process involving DoD leadership to oversee ESOH performance and support continual improvement of mission and ESOH performance DoD-wide.

5.1.8. Select and appoint the Chairman of the Department of Defense Explosives Safety Board.

5.1.9. Support the Security Cooperation Guidance and Strategy of the Secretary of Defense through the Defense Environmental International Cooperation Program and other related international activities, consistent with national security policy.

5.1.10. Designate the Agency Environmental Executive pursuant to reference (c).

5.1.11. Designate the DoD Designated Agency Safety and Health Official in accordance with reference (d).

5.1.12. Support the Defense Safety Oversight Council (DSOC).

5.1.13. Provide direction and supervision to the AFPMB.

5.1.14. Designate the USD(AT&L) co-chair of the Sustainable Ranges Integrated Product Team.

5.1.15. Nominate, in accordance with reference (e), a Military Department to serve as Executive Agent for environmental coordination in each of the ten standard Environmental Protection Agency Federal regions.

5.1.16. As needed, in accordance with reference (e), nominate DoD Executive Agents for ESOH activities worldwide.

5.1.17. Designate a focal point for Executive Agent oversight requirements for ESOH per reference (e).

5.1.18. Resolve ESOH management issues and disputes between the DoD Components and non-DoD organizations or individuals, that cannot be resolved at lower organizational levels.

5.1.19. Maintain an awards program recognizing outstanding ESOH achievements in support of the DoD mission.

5.1.20. Report annually to the Secretary of Defense on DoD ESOH performance.

5.2. The Deputy Under Secretary of Defense for Logistics and Materiel Readiness (DUSD(L&MR)), under the USD(AT&L), shall:

    5.2.1. Establish objectives, guidance, and procedures requiring:

        5.2.1.1. Effective control of ESOH risks for all end to end supply chain, transportation, and maintenance organizations.

        5.2.1.2. Identification and management of ESOH asset requirements across all logistics operations.

        5.2.1.3. Measurement and reporting of ESOH asset management performance for all end to end supply chain, transportation, and maintenance organizations.

5.3. The Under Secretary of Defense for Personnel and Readiness (USD(P&R)) shall:

    5.3.1. Through the ASD(HA):

        5.3.1.1. Provide the necessary resources for the occupational health program.

        5.3.1.2. Provide quarterly execution review of the occupational health program to the USD(AT&L).

        5.3.1.3. Monitor occupational health resources to ensure that they are properly expended.

        5.3.1.4. Inform the USD(AT&L) of any occupational health program execution discrepancies.

    5.3.2. Establish objectives, guidance, and procedures requiring:

        5.3.2.1. Effective control of USD(P&R) operations to manage ESOH risks.

        5.3.2.2. Identification of ESOH asset management requirements across all USD(P&R) organizations.

5.3.2.3. Measurement and reporting of ESOH asset management performance across all USD(P&R) organizations.

5.3.3. Participate in USD(AT&L) management reviews of ESOH asset management performance.

5.4. The Director, Operational Test and Evaluation (DOT&E) shall:

5.4.1. Establish objectives, guidance, and procedures requiring:

5.4.1.1. Control of DOT&E operations to effectively manage ESOH risks.

5.4.1.2. Participation in USD(AT&L) management reviews of ESOH asset management.

5.4.1.3. Identification and management of the Major Range Test Facility Base ESOH asset management requirements across all DOT&E organizations.

5.5. The Under Secretary of Defense (Comptroller) shall:

5.5.1. Establish objectives, guidance, requirements, and procedures requiring identification of ESOH costs across all functional areas.

5.5.2. Establish ESOH programming and budgeting policy incorporating legal and regulatory drivers, mission priorities, emerging issues, and funding responsibility aligned with management authority for mission activities entailing ESOH risks.

5.6. The Director, Defense Procurement and Acquisition Policy (DP&AP), under the USD(AT&L), shall:

5.6.1. Establish objectives, guidance, and procedures for:

5.6.1.1. Identification and management of ESOH asset requirements across all DP&AP organizations.

5.6.1.2. Control of DP&AP operations to effectively manage ESOH risks and ensure DoD compliance with Federal Affirmative Procurement requirements, reference (c).

5.6.1.3. Measurement and reporting of ESOH asset management performance across all DP&AP organizations.

5.6.2. Participate in USD(AT&L) management reviews of ESOH asset management performance.

5.7. The Director, Defense Research and Engineering (DDR&E), under the USD(AT&L), shall:

5.7.1. Establish objectives, guidance, and procedures for:

5.7.1.1. Control of DDR&E operations to effectively manage ESOH risks.

5.7.1.2. Identification and management of ESOH asset requirements across all DDR&E organizations.

5.7.1.3. Measurement and reporting of ESOH asset management performance across all DDR&E organizations.

5.7.2. Develop and oversee a science and technology investment strategy to address the ESOH technology requirements defined by the USD(AT&L).

5.7.3. Participate in USD(AT&L) management reviews of ESOH asset management performance.

5.8. The Heads of the DoD Components shall:

5.8.1. Implement this Directive and any implementing Instructions, objectives, guidance, and procedures.

5.8.2. Provide and maintain sufficient trained personnel to form a knowledge-based workforce capable of effectively managing ESOH aspects of DoD's mission.

5.8.3. Implement ESOH management system(s), in compliance with this Directive, that best suit their mission needs.

5.8.4. Maintain readiness by cost-effectively providing adequate natural infrastructure to support mission completion and sustainable living and working environments.

5.8.5. Ensure activities under their purview conduct reviews of ESOH asset management performance at least annually to ensure continual improvement of the system and mission performance. Corrective actions shall be documented and tracked through completion.

5.8.6. Ensure through a host-tenant agreement or otherwise that all DoD and non-DoD tenants are required to comply with applicable ESOH laws, regulations, and DoD policies.

5.8.7. Negotiate, approve, and sign compliance and other types of regulatory agreements, keeping other affected DoD Components informed.

5.8.8. Assign representation to the DDESB Secretariat staff.

6. The OSD Principal Staff Assistants shall ensure all matters that affect ESOH management policies are coordinated with the USD(AT&L).

7. EFFECTIVE DATE This Directive is effective immediately.

8. SIGNATURE BLOCK

9. Enclosures – 1

E1. Definitions

Artifact. Any inanimate thing made by human beings.

ESOH Aspects. Any part of an organization's mission activities that can impact installation assets or adjacent communities, but not including combat.

Compliance. Meeting applicable statutory, Executive Order, and regulatory standards - including standards for protection of human health and the environment for DoD operations in foreign countries (e.g., treaties, international agreements,) and regulatory requirements of the DoD (e.g., Final Governing Standards or the Overseas Environmental Baseline Guidance Document).

Environment. Air, water, land, living things, artifacts, archeological and cultural resources, and the interrelationships that exist among them.

ESOH Assets. The workforce and natural infrastructure. A subset of the installation assets necessary to support operational capability over perpetual useful life.

ESOH Management. Sustaining the readiness of our armed forces by cost-effectively maintaining all installation assets through promotion of safety, protection of human health, and protection and restoration of the environment.

Installation Assets. ESOH assets and artifacts associated with owning, managing, and operating an installation.

International Environmental Activities. DoD activities taking place outside the United States that affect installation assets, operations, or exercises and relate to the environment, but not including combat. Includes bilateral or multilateral negotiations, Security Cooperation activities, information exchanges, and military activities to include basing, exercises, and operations outside the United States.

Munitions Response. Response actions (investigation, removal or remedial) to investigate and address the explosives safety, human health, or environmental risks presented by unexploded ordnance or discarded military munitions, or by munitions constituents. Depending on site conditions, a response action could be limited to institutional controls or be a complete remedial action.

Natural Infrastructure. All natural resources (air, water, and land) that the DoD controls or operates in. A subset of ESOH assets.

7

Occupational Health -- The programs and activities dedicated to the anticipation, recognition, evaluation and control of DoD operations resulting in mission accomplishment at acceptable levels of risk. Occupational Health focuses on the elimination of injuries and illnesses resulting from DoD operations through programs that maintain and enhance worker health and increase productivity.

Resource Capability. The amount of natural, built, and workforce resources available to meet current and future mission requirements.

Safety. The programs, risk management activities, and organizational and cultural values dedicated to preventing injuries, accidental loss of human and material resources, and to protecting the environment from the damaging effects of DoD mishaps.

United States. The States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Marianas Islands, the U.S. Virgin Islands, Guam, American Samoa, Johnston Atoll, Kingman Reef, Midway Island, Nassau Island, Palmyra Island, Wake Island, and any other territory or possession of the United States, and associated navigable waters, contiguous zones, and ocean waters of which the natural resources are under the exclusive management authority of the United States.