CMRMP Chemical and Material Risk Management Program

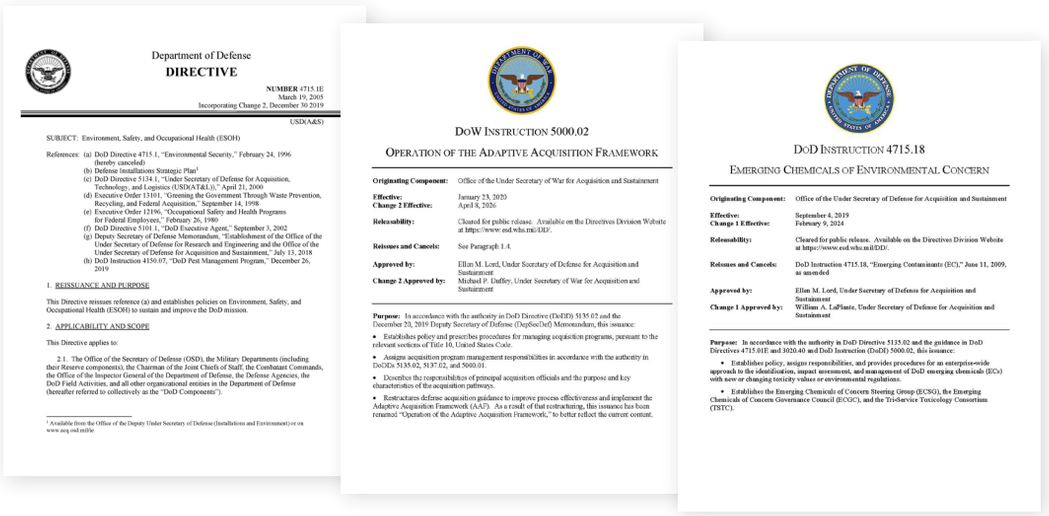
U.S. Department of War

Enhance military readiness and support the warfighter by effectively identifying and managing risks associated with the acquisition, use, and disposal of chemicals and materials across the Department of War.

Origins of the Program

Chemicals and materials are critical to the development, operation, and maintenance of systems and platforms for national security. CMRMP was initiated in 2006 to proactively and effectively address risks posed to DoW by emerging contaminants and to help acquisition managers address environment, safety, and occupational health mandates (such as DoD Directive 4715.1E, Environment, Safety, and Occupational Health, and DoW Instruction 5000.02, Operation of the Adaptive Acquisition Framework) while recognizing that DoW's mission capability is a top priority.

In 2009, DoW Instruction 4715.18 was issued to establish policy, assign responsibilities, and provide procedures for an enterprise-wide approach to the identification, impact assessment, and management of DoW emerging chemicals (ECs) with new or changing toxicity values or environmental regulations.



Department of Defense
DIRECTIVE

NUMBER 4715.1E
March 19, 2005
Incorporating Change 2, December 30 2019

USD(A&S)

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

References: (a) DoD Directive 4715.1, "Environmental Security," February 24, 1996 (hereby canceled)
(b) Defense Installations Strategic Plan[1]
(c) DoD Directive 5134.1, "Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L))," April 21, 2000
(d) Executive Order 13101, "Greening the Government Through Waste Prevention, Recycling, and Federal Acquisition," September 14, 1998
(e) Executive Order 12196, "Occupational Safety and Health Programs for Federal Employees," February 26, 1980
(f) DoD Directive 5101.1, "DoD Executive Agent," September 3, 2002
(g) Deputy Secretary of Defense Memorandum, "Establishment of the Office of the Under Secretary of Defense for Research and Engineering and the Office of the Under Secretary of Defense for Acquisition and Sustainment," July 13, 2018
(h) DoD Instruction 4150.07, "DoD Pest Management Program," December 26, 2019

1. REISSUANCE AND PURPOSE

This Directive reissues reference (a) and establishes policies on Environment, Safety, and Occupational Health (ESOH) to sustain and improve the DoD mission.

2. APPLICABILITY AND SCOPE

This Directive applies to:

2.1. The Office of the Secretary of Defense (OSD), the Military Departments (including their Reserve components), the Chairman of the Joint Chiefs of Staff, the Combatant Commands, the Office of 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").

[1] Available from the Office of the Deputy Under Secretary of Defense (Installations and Environment) or on www.acq.osd.mil/ie

DoW Instruction 5000.02
Operation of the Adaptive Acquisition Framework

Originating Component: Office of the Under Secretary of War for Acquisition and Sustainment
Effective: January 23, 2020
Change 2 Effective: April 8, 2026
Releasability: Cleared for public release. Available on the Directives Division Website at https://www.esd.whs.mil/DD/.
Reissues and Cancels: See Paragraph 1.4.
Approved by: Ellen M. Lord, Under Secretary of Defense for Acquisition and Sustainment
Change 2 Approved by: Michael P. Duffey, Under Secretary of War for Acquisition and Sustainment

Purpose: In accordance with the authority in DoD Directive (DoDD) 5135.02 and the December 20, 2019 Deputy Secretary of Defense (DepSecDef) Memorandum, this issuance:

- Establishes policy and prescribes procedures for managing acquisition programs, pursuant to the relevant sections of Title 10, United States Code.
- Assigns acquisition program management responsibilities in accordance with the authority in DoDDs 5135.02, 5137.02, and 5000.01.
- Describes the responsibilities of principal acquisition officials and the purpose and key characteristics of the acquisition pathways.
- Restructures defense acquisition guidance to improve process effectiveness and implement the Adaptive Acquisition Framework (AAF). As a result of that restructuring, this issuance has been renamed "Operation of the Adaptive Acquisition Framework," to better reflect the current content.

DoD Instruction 4715.18
Emerging Chemicals of Environmental Concern

Originating Component: Office of the Under Secretary of Defense for Acquisition and Sustainment
Effective: September 4, 2019
Change 1 Effective: February 9, 2024
Releasability: Cleared for public release. Available on the Directives Division Website at https://www.esd.whs.mil/DD/.
Reissues and Cancels: DoD Instruction 4715.18, "Emerging Contaminants (EC)," June 11, 2009, as amended
Approved by: Ellen M. Lord, Under Secretary of Defense for Acquisition and Sustainment
Change 1 Approved by: William A. LaPlante, Under Secretary of Defense for Acquisition and Sustainment

Purpose: In accordance with the authority in DoD Directive 5135.02 and the guidance in DoD Directives 4715.01E and 3020.40 and DoD Instruction (DoDI) 5000.02, this issuance:

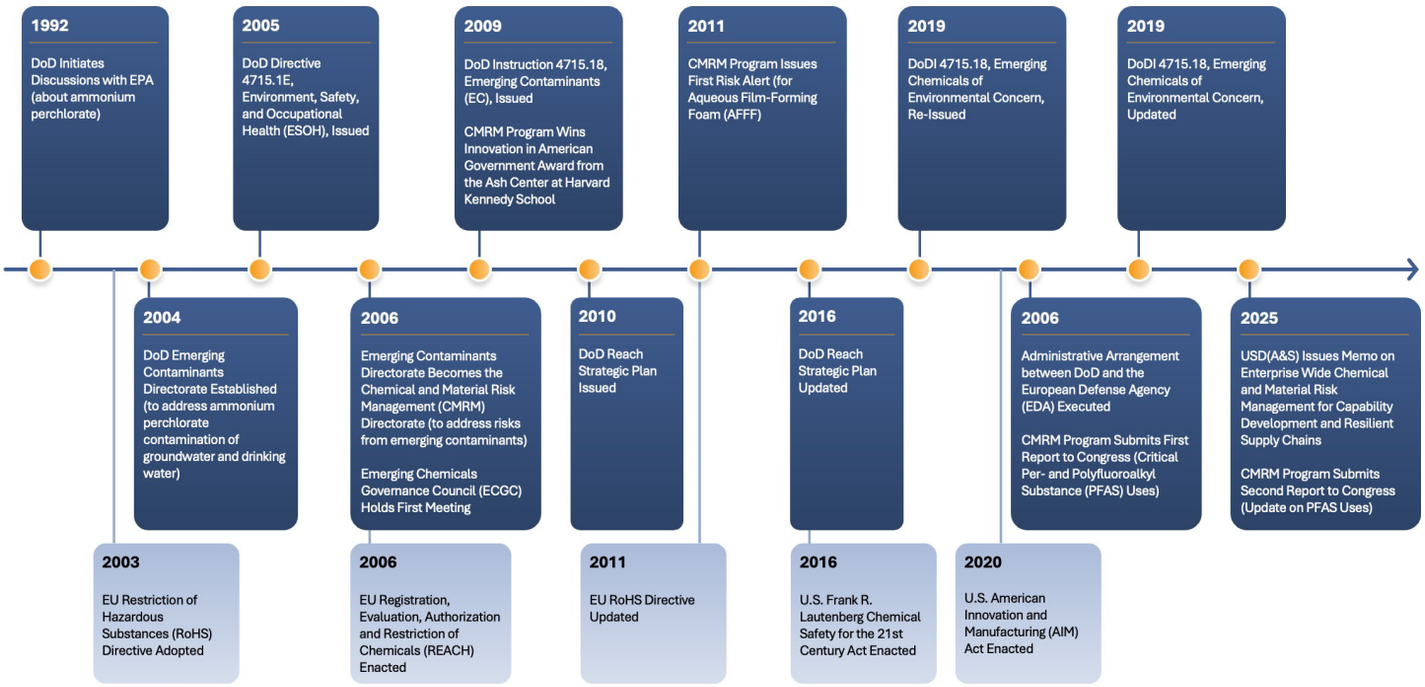
- Establishes policy, assigns responsibilities, and provides procedures for an enterprise-wide approach to the identification, impact assessment, and management of DoD emerging chemicals (ECs) with new or changing toxicity values or environmental regulations.
- Establishes the Emerging Chemicals of Concern Steering Group (ECSG), the Emerging Chemicals of Concern Governance Council (ECGC), and the Tri-Service Toxicology Consortium (TSTC).

About the Program

CMRMP collaborates across the Department, interagency, industry, and academia to collect information on mission critical chemicals and materials and to evaluate the fragility and criticality of chemical and material uses. This enables the Department to protect readiness, people, and the environment by identifying and managing risks associated with the chemicals and materials the Department uses.

CMRMP leads engagement with regulatory agencies and collaborates across the Department and the industrial base to collect emerging scientific and technical information to anticipate changes to environmental and occupational standards that impact the national defense mission.

Program Timeline and Milestones



Why Does It Matter?

Even in the early stages of implementation, evolving international chemical regulations can drive product reformulations across the globe as industries move away from using known hazardous materials to inherently more benign ones. This will increasingly affect the cost, performance and schedule of weapons acquisition programs.

Organizations that anticipate changes in the risk profile of a chemical or a material are better positioned to adapt to shifting regulations and/or market availability. By addressing emerging contaminants early in the acquisition process, CMRMP helps to extend the lifespan of platforms, avoid early obsolescence by anticipating regulatory shifts, and reduce the costs of future operations and maintenance and demilitarization efforts.

Contact Us

https://www.denix.osd.mil/cmrmp/

For questions or to share concerns on emerging chemical regulations or chemical availability, please reach out to the program mailbox: osd.pentagon.ousd-atl.mbx.cmrmp@mail.mil.

Opportunities to collaborate may include requests for information (RFIs) to identify and understand chemical uses and risks. RFIs are issued through SAM.gov, and potential responders are encouraged to refer to the site for all relevant information.