

C18. CHAPTER 18

TRAINING

C18.1. GENERAL. This chapter provides information on training for which the Defense Energy Support Center (DESC) and the Military Services provide to the Department of Defense and Federal Agencies in the management of energy commodities (e.g., petroleum products, natural gas, and coal).

C18.2. RESPONSIBILITIES

C18.2.1. DESC shall:

C18.2.1.1. Develop and conduct training in the areas of DESC's bulk petroleum and natural gas business processes.

C18.2.1.2. Post DESC's courses on DESC's homepage; and coordinate training requirements with the Military Services.

C18.2.1.3. Provide training documentation to the Military Services schools on DESC's business processes, as requested by the Military Services

C18.2.2. The Military Services shall:

C18.2.2.1. Develop and conduct, as appropriate, Military Service unique training relative to the management of energy products (i.e., bulk petroleum products, natural gas, and coal). Where appropriate and cost effective, and as determined by the individual Military Service, combined training will be considered (e.g., Marine Corps personnel being trained at the U. S. Army Quartermaster Center and School).

C18.2.2.2. Submit requirements to DESC for DESC-specific courses.

C18.3. TYPES OF TRAINING

C18.3.1. DESC's Training. To request availability and attendance at a DESC course, contact DESC's Workforce Development Office. Courses provided by DESC are as follows:

C18.3.1.1. The DESC Customer Seminar (Bulk Petroleum Products). This is a two-day course designed for customers that receive petroleum products via DESC's contracts. Topics include: DESC's organizational structure and operations, integrated material management, and an introduction to the various business practices and processes relative to bulk petroleum, direct delivery fuel, and facilities and distribution management.

C18.3.1.2. DESC's Natural Gas Customer Seminar. Seminars are designed for customers that receive natural gas. Topics include: an overview of the natural gas industry, requirements determination, economic analyses, contracting process, ordering, supply management, invoicing/payments, and contract

administration. Additionally, the content and length of the seminars are normally tailored to meet customers' needs.

C18.3.1.3. Fuels Automated System (FAS) Training. FAS training is provided for base-level personnel in Fuels Control Center and the FAS Enterprise Server software. Training is provided via formal classroom instruction and onsite.

C18.3.1.4. Joint Petroleum Seminar. A four-day course designed for Joint Petroleum Offices, Service Fuel Staffs, and other personnel who work in the point petroleum arena. Topics include: Petroleum Characteristics; DoD/Joint Fuel Organization; Joint Doctrine; Integrated Material Management; Fuel Pricing; DESC Business Processes; War and Peacetime Requirements Determination; Contracting; Contingency Contracting; Tanker Operations; IPDS/OPDS; FAS; MR&E/MILCON; Inventory Management Plan, Deliberate Planning; Integrated Consumable Item Support, Joint Total Asset Visibility; Joint Monthly Readiness Report; SIPRNET.

C18.3.1.5. Other DESC Courses. DESC provides various courses for its employees that may be of interest to the Military Services and Federal Agencies. A course description and schedule of all DESC's courses can be obtained from DESC's Workforce Development Office.

C18.3.2. Training Assistance. Additional details regarding DESC's training program can be obtained by contacting DESC's Workforce Development Office.

C18.3.3. Military Services Training. The following training is offered by the Military Services:

C18.3.3.1. U.S. Army. The Army provides the following petroleum courses:

C18.3.3.1.1. Petroleum Officers Course. This is an eight-week course designed for commissioned and warrant officers and Department of Defense civilians in advance petroleum management and water management. The first two weeks include general petroleum subjects, services and equipment, joint doctrine and planning. The remaining six weeks focus on U. S. Army petroleum equipment; pipeline construction and operation, laboratory operations and water purification, storage and distribution operations.

C18.3.3.1.2. Petroleum Supply Specialist Course. This is a six-week course designed to instruct Army enlisted personnel in the basic fundamentals of receiving, storing, issuing, dispensing, and shipping petroleum products.

C18.3.3.1.3. Petroleum Laboratory Specialist Course. This is a ten-week course designed to instruct Army enlisted personnel in the basic fundamentals of working in a petroleum laboratory.

C18.3.3.2. Training Assistance. Additional details regarding Army petroleum courses can be obtained by contacting the U.S. Army Quartermaster Center and School, Fort Lee, Virginia.

C18.3.4. U.S. Air Force Courses:

C18.3.4.1. Fuels Apprentice. This is a six-week-two day course designed for Air Force enlisted personnel responsible for the receipt, storage, issue, and quality control of petroleum and cryogenic products.

C18.3.4.2. Fuels Quality Control. This is a three-week course designed for Air Force enlisted personnel or civilian equivalent. It equips participants with the knowledge and skills necessary to perform fuel quality control specialist duties.

C18.3.4.3. Fuels Accounting. This is a two-week four-day course designed for Air Force enlisted personnel or civilian equivalent. It equips participants with the knowledge and skills necessary to perform fuel accounting duties.

C18.3.4.4. Fuels Craftsman. This is a two week course designed for Air Force enlisted personnel to acquire the knowledge and skills necessary to perform fuel related functions at a supervisory level.

C18.3.4.5. Petroleum Logistics Management. This is a three-week course designed for Air Force enlisted personnel to acquire the knowledge and skills needed to perform the functions of a fuel superintendent.

C18.3.4.6. Liquid Fuels Systems Maintenance Apprentice. This is an eight-week-three day course designed for Air Force enlisted personnel to acquire the knowledge and skills needed to inspect and maintain liquid fuel storage and dispensing/hydrant systems.

C18.3.4.7. Liquid Fuels Storage Tank Entry Supervisor. This is a one-week- four day course designed for Air Force enlisted personnel to acquire the knowledge and skills needed to supervise storage tank entry functions. Topics presented include: cleaning processes, safety devices for tank ventilation, safety and emergency procedures, and disposal of contaminated fuels.

C18.3.4.8. Liquid Fuel Systems Maintenance Technician. This is a two week course designed for Air Force enlisted personnel to acquire the knowledge and skills required to operate, inspect, maintain, and troubleshoot automatic valves, pumps, and filter separators.

C18.3.4.9. Training Assistance. Additional details regarding Air Force petroleum courses can be obtained by contacting the HQ USAF Supply/Fuels Policy Division.

C18.3.5. U.S. Navy. Petroleum courses provided by the Navy are as follows:

C18.3.5.1. Aviation Boatswains Mate Fuels Class A1. This is a twenty-six day course designed for Navy E-1 through E-4 personnel. It provides participants with the knowledge and skills work to work in the field of aviation fuels.

C18.3.5.2. Aviation Boatswain's Mate (Fuels) Course, Class C1. This is a thirty-five day course designed for Navy E-4 through E-9 personnel to acquire the skills and knowledge required for operating and main-taining aviation fuel systems ashore and afloat.

C18.3.5.3. Engineering Bulk Fuels Systems (Shore) Course. This is a twelve-day course designed for officers, enlisted personnel, and DoD civilians assigned or enroute to bulk petroleum

facilities. The course provides instruction on the theory of petroleum operations and maintenance of U.S. Navy bulk petroleum terminals, as well as knowledge and practical skills necessary to perform required fuel testing.

C18.3.5.4. Training Assistance. Additional details regarding U.S. Navy petroleum training courses can be obtained by contacting the Navy Petroleum Office.

C18.3.6. U.S. Marine Corps: The Marines' course offerings relative to petroleum are as follows:

C18.3.6.1. Bulk Fuel Specialist Course. This is a six-week course designed to instruct Marine enlisted personnel in the basic fundamentals of receiving, storing, issuing, dispensing, and shipping petroleum products.

C18.3.6.2. Petroleum Laboratory Specialist Course. This is a ten-week course designed to instruct Marine enlisted personnel in the basic fundamentals of petroleum laboratory operations.

C18.3.6.3. Petroleum Officer Course. This is an eight-week course designed to instruct Marine Corps' warrant officers in the skills required to perform petroleum management functions (both staff and operational assignments).

C18.3.6.4. Bulk Fuel Training (Reservist). This is a two-week course designed to familiarize Marine Corps reservists with bulk fuel systems and equipment.

C18.3.6.5. Training Assistance. Additional details regarding U. S. Marine Corps petroleum training programs can be obtained by contacting the USMC Petroleum Training Division at Fort Lee, VA.