

Overview of the New Chemical Management Program (CMP) Handbook

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This paper discusses the new DOE Handbook, DOEBHDBKBXXXXB99, CHEMICAL MANAGEMENT PROGRAMS, PROJECT NUMBER SAFTB0073. The handbook incorporates best practices from DOE HQ, DOE field operations and private industry. The Chemical Safety Topical Committee did not intend the handbook to be all-inclusive. The Handbook lists only those components that are essential for typical Chemical Management Programs (CMPs). This Handbook is applicable for developing a graded approach to all chemical management activities across the DOE complex. The CMP includes the acquisition, use, storage, transportation and final disposition of all chemicals.

The key to CMP success is the identification of a single point of contact as the responsible steward for the overall administration, management, and maintenance of their chemical management program. The CMP Handbook, as presented, consists of several management system components that are needed to support an onsite chemical safety program: inventory tracking and control of chemicals; identification and analysis of chemical hazards; and management of change.

In addition, the CMP should be an integral part of the contractors' Integrated Safety Management [ISM] system(s) with the overall intent of assuring adequate integration with other applicable functional areas such as: Emergency Preparedness and Response; Environmental Reporting, Documentation, and Permitting; Fire Protection; Industrial Hygiene; Hazard Communication; Laboratory Safety; Occupational Medicine; Pollution Prevention and Waste Minimization; Property Management (excessing chemicals); Quality Assurance; Training; and Transportation.

The goal of the Chemical Management Program Handbook is to provide a starting point for a fully integrated program. The handbook lists all issues associated with the safe and responsible use, handling and storage of chemicals while following the pertinent regulations applicable to all contractors.