

August 2004



Hazardous Materials

Hazardous Materials Management Program



Tracking hazardous materials (HAZMAT) is not a new concept. Cavemen are reported to have instituted the first tracking system using crude and often barbaric methods to enforce compliance. While many believe that little has changed over the years, these first rudimentary attempts at tracking hazardous materials have evolved to today's more sophisticated methods of managing HAZMAT.

At Fort Hood, we defined a subset of the HMMP Team as the Hazardous Material Control Group (HMCG). The HMCG is actually a team of Environmental Engineers, Environmental Specialists, Safety Representatives, Fire Department Inspectors, Industrial Hygienists, and Operations/Logistics Specialists. The HMCG is the central nervous system for the Hazardous Substance Management System (HSMS), the database used by Fort Hood to track HAZMAT.



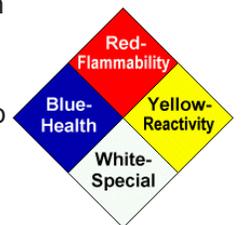
HMMP Projects

- Free-Issue site
- Shelf-life Management
- Hazardous Materials Inventory
- Products and Materials Workgroup
- Product Substitution

The Supply Support Activities SSAs are typically the "doors" for each source of supply which allows HAZMAT onto the installation. Source of supplies include any method that can be used to acquire or procure HAZMAT, such as the Standard Army Retail Supply System (SARSS), Supply 2000, or the **HazMart**. At Fort Hood, purchase of HAZMAT using a Government Purchase Card (formerly the IMPAC card) is prohibited. Units/customers of **HazMart** must have a current DA Form 1687 Notice of Delegation of Authority, and a copy of Appointment Orders or Assumption of Command on file before submitting requests for issue and receiving HAZMAT.

By tracking HAZMAT, the entire environmental, safety, and occupational health (ESOH) team in the HMCG can help ensure work centers are properly prepared and equipped to deal with its usage.

Soldiers are able to know what potentially hazardous materials are present in products they use, are assured access to the most current MSDS, and have access to expert advice concerning material and product safety, as well as environmental aspects and impacts.



HazMat Tracking

Fort Hood complies with Federal Laws mandating the management of HM include the Resource Conservation and Recovery Act (RCRA), the Emergency Planning and Community Right-to-Know Act (EPCRA), the Hazard Communication Standard (HCS), and the Pollution Prevention Act (PPA). These laws require entities, including military installations, to provide data to Federal, State, and local agencies on the types and quantities of HAZMAT stored, used, and disposed.

HAZMAT Management is composed of two integrated components:

Business Practices - Hazardous Materials Management Program (HMMP)



Fort Hood hazardous materials management regulations and policies are summarized in a small, easy to read booklet Published by the US Air Force

-  Centralized HAZMAT Management Cell
-  Authorized User/Use List (AUL) and Restricted Use List (RUL), Stock choices are scrutinized, Hazardous Substance Management System
-  Order/Issue by Unit of Use, Inventory Levels at User/Operator level
-  Re-use of Materials, A Free-Issue area is in the planning stages for giving unused or partially used material back to the units.
-  Centralized Issue and Storage of HAZMAT

Hazardous Substance Management System (HSMS)

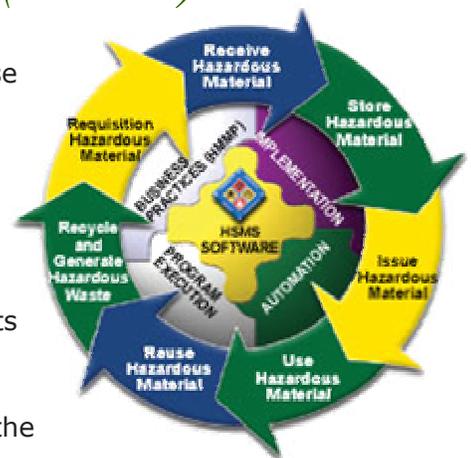
-  The **HazMart**, operated by DPW-Maintenance, is the only authorized place to purchase Hazardous Materials. Orders and receipt data are uploaded into HSMS software
-  Affirmative Procurement procedures are under development and refinement to accommodate special orders and enhanced customer service
-  Purchases follow the hierarchy described in FAR Part 8
-  Units submit Hazardous Materials Inventories to the HSMS team quarterly. This data serves as a valuable cross check of data capture and accuracy.

Hazardous Substance Management System (HSMS)

Fort Hood's HSMS team is comprised of an ADBM (Application Database Manager), 2 Technical Editors for procurement operations at the **HazMart**, and 2 Technical Editors that work primarily with the waste module at the DPW-Classification Unit (used product management).



The team maintains and updates the HSMS database which provides reliable data for federal, state, and local government regulators on HAZMAT usage and storage on post. The reports allow neighboring communities to know what is kept in their "backyard", and this information is also useful to emergency response activities in the event of fire or natural disaster.



Timi M. Dutchuk P.E., Hazardous Materials Program Manager

E-mail: Timi.Dutchuk@us.army.mil Phone: (254) 287-9718