

CSTC 2004 PROJECTS

CSTC 2004-A: "A Guide to the Chemical Management Handbook, Volume 3: Consolidated Chemical User Safety and Health Requirements"

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Goals:

Development of an overview and explanatory information for each of the chapters of Volume 3 of the Chemical Management Handbook: Consolidated Chemical User Safety and Health Requirements.

Proposed Products:

This effort will provide an executive summary and overview of each chapter of Volume 3 of the Chemical Management Handbook [DOE-HDBK 1139/3-2003] with added explanatory information for selected consolidated requirements, as needed. The summaries will address such things as the intent of the consolidated requirements and information on connections between or among each chapter's consolidated requirements where appropriate. This product will be published on the Chemical Management web page as an addendum to Volume 3 of the Chemical Management Handbook that can be used in conjunction with the Handbook until Volume 3 can be updated to include the material as a part of each of the chapters.

CSTC 2004-B: "Recommendations for Addressing Recurring Chemical Incidents at DOE"

[NOTE: In an effort to address the similarities and overlaps in their proposed projects for 2004 this team merged with the CSTC team 2004-C, "Enhancing Chemical Hazard Identification Methodology", established during the 6th Annual Chemical Management Workshop. The combined teams are being co-chaired by Jim Morgan and Fred Simmons, both of SRS, and co-sponsored by Billy Lee and Nancy Hammond, both of DOE/EH-52.]

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Goals:

In 2003 the goal of this team was to analyze available data to determine the commonality and causes of chemical incidents across the DOE complex. This 2004 follow-on project will develop recommendations based on the Team's 2003 findings on the identification and analysis of DOE chemical incidents.

Proposed Products:

This team's 2004 product will be recommendations based on their 2003 findings in the form of a final "White Paper" on the identification and analysis of DOE chemical incidents for presentation to EH-1 and posting on the Chemical Management web page.

CSTC 2004-C: "Recommendations for Chemical Hazard Characterization Practices at DOE"

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Goals:

In 2003 this team published its document "Current Chemical Hazard Characterization Practices in the DOE Complex" providing information on chemical hazard analysis practices from 19 contractor organizations operating at 16 DOE sites.

This team's 2004 follow-on project will develop recommendations /guidance based on the Team's 2003 findings that will focus on best practices, with guidance for improving chemical safety and reducing potential risks to workers and the public.

Proposed Products: Publication on the SAWG and DOE Chemical Management web pages of the Phase 2 report that outlines recommendations and guidance.

CSTC 2004-D: "Methods for Addressing the Hazards of Shock Sensitive, Time Sensitive and Reactive Chemicals"

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Goals:

This project is a continuation of the 2003 project with an emphasis on time sensitive and reactive chemicals. For 2004, this team plans to:

- Complete a 3rd manuscript, "Management of Time Sensitive Chemicals (III): Stabilization and Treatment";
- Produce definitions for categories of reactive chemicals ;
- Compile an annotated list of resources with for categories of reactive chemicals ;
- Summarize their 3 manuscripts for placement on the Chemical Management web page ;
- Develop a gap analysis to determine an areas for further study in the next phase of this project.

Proposed Products:

This team's 2004 products will be a completed 3rd manuscript; publication of all 3 manuscripts in a peer-reviewed journal; presentation of a summary of their manuscripts at the CSTC's 7th Annual Joint DOE/EFCOG Chemical Management Workshop for FY 2004; and the posting of the 3 manuscripts and the summary report on the Chemical Management web page.

CSTC 2003-E: "Chemical Exposures During Closure Activities"

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Goals:

- Identify successful exposure minimization practices and practices to avoid during site closure activities;
- Collect additional case study information to provide a broad, experience-based resource to DOE -- specifically, collect more info on work activities, jobs and bulk removals and processes that led to success or failure.

Proposed Products:

A guidance document on exposure minimization best practices, bad practices and lessons learned during site closure activities.