



U.S. Department of Homeland Security

Overview

Chemical Sector-Specific Agency

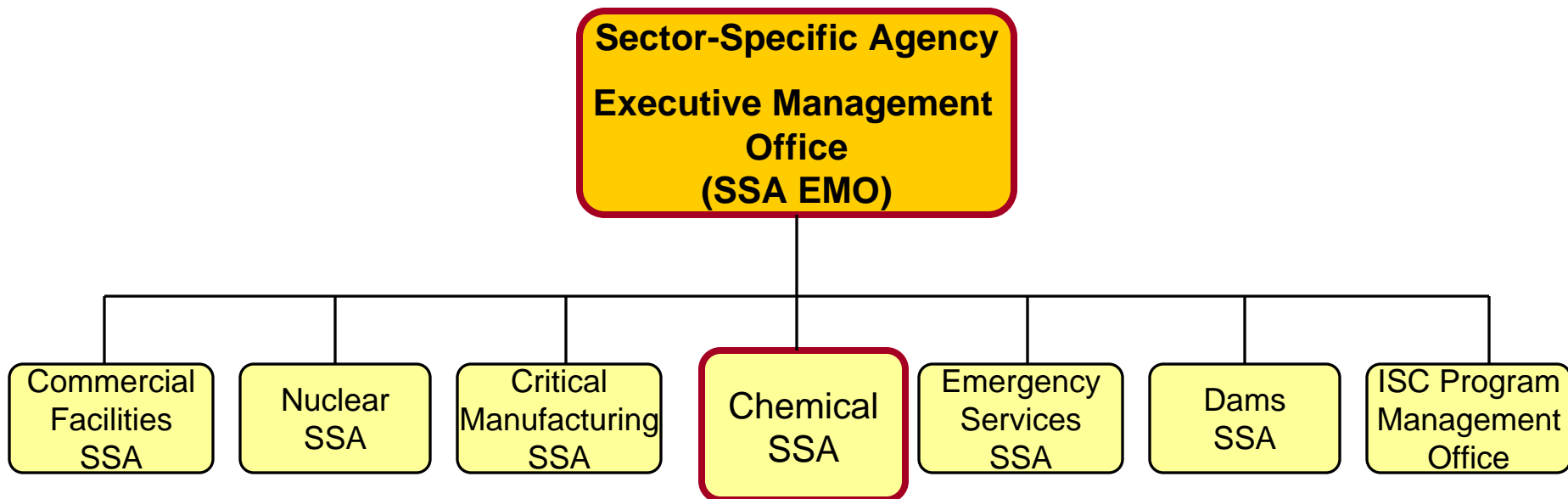
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Voluntary Activities and Industry Practices
2009 Chemical Sector Security Summit

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Organization



Chemical Sector-Specific Agency Personnel

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Functional Roles & Responsibilities

- The SSA is the primary Federal entity responsible for coordinating the unified effort to protect against and mitigate the effects of natural or manmade events on CIKR within the sector.
- Implement the NIPP Framework and guidance as tailored to the specific characteristics and risk landscapes of each of the CIKR Sectors.
 - Develop and update the Sector Specific Plan (SSP)
 - Develop the Sector Annual Report
 - Identify Protection Priorities
- Work closely with all levels of government (Federal, State, local, tribal and territorial) and with private sector partners to develop protective security programs, improve information sharing and coordination, and promote education, outreach and training efforts across CIKR Sectors.

Coordinating Councils

Chemical GCC

Department of Commerce
Department of Defense
Department of Energy
Department of Homeland Security
Department of Justice
Department of Transportation
Environmental Protection Agency
Department of State
Office of the Director of National Intelligence

Chemical SCC

Agricultural Retailers Association
American Chemistry Council
American Forest & Paper Association
American Petroleum Institute
Chemical Producers & Distributors Association
Compressed Gas Association
Crop Life America
Independent Liquid Terminals Association
Institute of Makers of Explosives
International Institute of Ammonia Refrigeration
National Association of Chemical Distributors
National Paint & Coatings Association
National Petrochemical & Refiners Association
Society of Chemical Manufacturers & Affiliates
The Chlorine Institute
The Fertilizer Institute
The Society of the Plastics Industry



Chemical Sector Programs

Chemical Sector Information-Sharing Programs

- **Unclassified Monthly Suspicious Activity Calls**
 - The SSA hosts calls for owners and operators
 - Information is provided by HITRAC as well as the U.S. Computer Emergency Readiness Team

- **Bi-annual Classified Briefings**
 - The SSA sponsors classified briefings for cleared industry professionals in order to assist them with prioritizing the level and type of security measures to implement
 - Both physical and cyber threats are briefed and any other topics of interest to chemical supply chain professionals



Chemical Sector Programs

- **Cross-Sector Cyber Security Working Group (CSCSWG)**
 - This Working Group provides a forum to bring government and the private sector together to collaboratively address risk across all CIKR sectors
 - The Chemical Sector is participating in a pilot program to improve cyber information-sharing processes which includes monthly calls between small trusted cyber security group in the Chemical Sector, the National Cyber Security Division (NCSD) and Chemical SSA

- **The Homeland Security Information Network - Critical Sectors (HSIN-CS)**
 - HSIN-CS is the primary information-sharing platform for the Chemical Sector
 - Access enhances users ability to receive information and communicate during operationally significant situations
 - Examples of information posted include notes from the monthly suspicious activity calls, redacted patriot reports, incident updates, workshop notifications and other important documents



Chemical Sector Programs

- **Voluntary Chemical Assessment Tool (VCAT)**
 - Developed to provide the means for owner/operators of non-tiered facilities to identify their current risk level
 - The web-based tool facilitates a cost-benefit analysis allowing users to select the best combination of physical security countermeasures and mitigation strategies to reduce overall risk



Chemical Sector Programs

▪ Chemical Facility Tours

- Multi-plant tours designed to give public sector partners involved with chemical security an opportunity to see firsthand the security measures at facilities
- The SSA coordinates event directly with facility
- Local Law Enforcement (LLE) are also invited on the tour
- In the future, plan to tour State Fusion Centers as well



Chemical Sector Programs

Chemical Sector Training Programs

- **Web-Based Chemical Security Awareness Program**
 - Developed with the SCC in response to an identified gap
 - SSA developed, hosts, and advertises this interactive training course to increase security awareness in chemical facilities nationwide
 - Designed for all chemical facility employees, not just those involved in security

- **Vehicle-Borne Improvised Explosive Device Training Program**
 - Based on a request from private sector, SSA developed a one-day training course for facility security officers
 - The SSA conducted six training sessions in CA, TX, NJ, DE, IL and MI from January to June 2009



Chemical Sector Programs

■ Security Outreach and Awareness Program

- The SSA finds facilities to participate and coordinates this project to raise awareness of cyber security issues at small to medium size chemical facilities
- The program is a one day meeting with the Chemical SSA and an NCSD facilitator demonstrating the Cyber Security Vulnerability Assessment tool
- Participating companies receive a free voluntary review of the security of their control system networks
- The program also identifies gaps, options for future consideration, and valuable reference materials.



Chemical Sector Programs

Chemical Sector Incident Management & Exercises

▪ Incident Management/National Level Exercises

- Coordinate communications between the SSA and our private sector partners and between the SSA and other Federal security partners in order to share critical information that is specific to the incident or exercise
- Coordinate communications between the SSA and both public and private sector partners to identify CIKR cascading effects in affected areas
- Primary point of contact for Requests for Information (RFIs) sent by the National Infrastructure Coordinating Center (NICC) and pertaining to the Chemical Sector
- Work closely with the Infrastructure Security Compliance Division (ISCD) during an incident/exercise to identify highest risk CIKR



Chemical Sector Programs

- **Security Seminar and Exercise Series with State Chemical Industry Councils**
 - The Chemical Industry Council and the SSA form a Steering Group to develop agenda topics and exercise scenarios. The SSA provides facilitators and speakers to help chemical facilities and their emergency responders assess the robustness of their emergency response plans
 - The Chemical SSA is now working with the Pennsylvania Chemical Industry Council in partnership with the Chemical Industry Council of New Jersey to host this event in September 2009
 - The Chemical Industry Council of California is planning their first Security Seminar and Exercise with the Chemical SSA and FBI Infragard for November 2009



Contact Information

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