



TSG Solutions, Inc. Chemical Facility Anti-Terrorism Standards

On April 9, 2007, the US Department of Homeland Security (DHS) issued the Chemical Facility Anti-Terrorism Standards (CFATS). Congress authorized and directed DHS to **identify, assess and ensure effective security** at high-risk chemical facilities. Program details are outlined in the Federal Register Part III, Department of Homeland Security, 6 CFR Part 27, Chemical Facility Anti-Terrorism Standards; Final Rule.

Identify: In order to identify high-risk chemical facilities, DHS developed the **Chemical Security Assessment Tool (CSAT)** which consists of 4 parts: CSAT Registration, CSAT Top Screen, CSAT Security Vulnerability Assessment and CSAT Site Security Plan. The **CSAT Top-Screen** consists of a questionnaire and list of **DHS Chemicals of Interest**. Any facilities that have identified chemicals at or above the listed **Screening Threshold Quantities (STQ)** will have to complete and submit the CSAT Top-Screen.

Assess: Based on the results of the CSAT Top-Screen, DHS will place facilities into Tiers 1 – 4. Those in Tiers 1 – 3 will be required to complete a **CSAT Security Vulnerability Assessment (SVA)**. Those in Tier 4 may submit a CSAT SVA or and **Alternate Security Plan**.

The facilities must then develop a **CSAT Site Security Plan (SSP)** which meets the corresponding **Risk Based Performance Standards (RBPS)** that have been developed for each of the Tiers. Those in Tiers 3 and 4 may submit an Alternate Security Plan in lieu of the CSAT SSP.

Ensure Effective Security: DHS will review and approve the Site Security Plan (SSP). The SSP describes the security measures (both physical and procedural) in place as well as the measures a facility plans to implement in order to fulfill the applicable RBPS. DHS will then inspect high-risk chemical facilities at regular intervals or on an as needed basis.

Penalties: The Act authorizes DHS to enforce compliance with the security regulations, including conducting audits and inspections of high-risk facilities, imposing civil penalties of up to \$25,000 per day, and shutting down facilities that fail to comply with the regulations.

TSG Services:

- 📁 Process Compliance and Planning Services
- 📁 Review CSAT Top Screen
- 📁 Prepare CSAT Security Vulnerability Assessment (SVA)
- 📁 Prepare CSAT Site Security Plan (SSP) based on applicable Risk Based Performance Standards
- 📁 Prepare Procedures for Chemical-Terrorism Vulnerability Information (CVI) assurance
- 📁 Conduct Pre Inspection Reviews and Audits

Applicable Documents/Links	
CFATS Federal Register	Final Rule
Chemicals of Interest	CSAT User Registration
CSAT Top Screen User Manual	Top Screen Questions
Chemical Vulnerability Information (CVI)	TSG CFATS Flow Chart