



SERC-TERC Updates [November 2016]

The purpose of the *SERC-TERC Updates* is to identify and share new policies, guidance, and training resources that may be useful to the State Emergency Response Commissions (SERCs) and Tribal Emergency Response Commissions (TERCs). As a result of the [Report for the President on Chemical Facility Safety and Security](#), per [Executive Order 13650](#), more guidance and information will be provided and available to SERCs/TERCs. This monthly update is an effort by key federal agencies to ensure all pertinent information on chemical facility safety and security is shared with you in a timely manner.

**SERCs, TERCs, and federal partners:
Please feel free to forward this monthly update to your stakeholders**

****Mention of non-EPA documents, presentations, training opportunities and conferences does not constitute an U.S. EPA endorsement of their contents, only an acknowledgment that they exist and may be relevant to the SERC-TERC audience.***

If you have any comments on this *Update*, please let us know: SERC-TERC.Updates@epa.gov

Chemical Safety & Security Today

- **Executive Order 13650: Improving Chemical Facility Safety and Security**
<https://www.osha.gov/chemicalexecutiveorder/index.html>

Regulatory and Policy Information related to Chemical Safety & Security

- **OSHA / EPA Factsheet: *The Importance of Root Cause Analysis During Incident Investigation***
 - The Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA) urge employers (facility owners and operators) to conduct a root cause analysis following an incident or near miss at a facility.
 - A root cause is a fundamental, underlying, system-related reason why an incident occurred that identifies one or more correctable system failures.

- By conducting a root cause analysis and addressing root causes, an employer may be able to substantially or completely prevent the same or a similar incident from recurring.
- Read the Factsheet: <https://www.osha.gov/Publications/OSHA3895.pdf>

- **National Tier II Data Standard Published**

- One of the recommendations in response to Executive Order 13650 was to establish a national Tier II data standard, to better facilitate the exchange of Tier II data between different data management systems.
- USEPA and NOAA published version 1.0.0 of the national Tier II data standard in October 2016.
 - The data standard is a set of rules for how Tier II data should be formatted in an XML file.
 - The standard is published as a Document Type Definition (DTD) schema.
 - *Tier2 Submit 2016* and *CAMEOfm 3.3* will be the first program to adopt the data standard. (To be released late 2016.)
- See data standard format/sample files:
https://cameo.noaa.gov/epcra_tier2/data_standard/v1/index.html
- Questions? Contact: orr.cameo@noaa.gov

Hot Topics

- **Updated Contact Information for Federal Explosives Licensees and Permittees**

- The Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) will provide updated contact information for federal explosives licensees and permittees (FELs) directly to each SERC/TERC for their geographic area.
 - ATF provides this information on a biannual basis
 - This plan was developed partially in response to concerns voiced by explosives industry associations that emphasized the need for more frequent and regular contact with local authorities
- This information can be further disseminated to first responders and appropriate LEPC/TEPC members to:
 - Help establish relationships and facilitate better communication between these local responders and the FELs in their areas
 - Assist local responders in discussing FEL explosives storage information for emergency planning and response purposes, and
 - Enable local authorities and FELs to discuss and develop training for emergencies involving the explosives plants and storage facilities
- Questions / for more information: Dean.A.Dickinson@usdoj.gov

- **USEPA Encourages Tribes to be Notified When Spills Occur**

- The National Response Center (NRC) functions as the sole point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the US and its territories.
- The NRC also takes maritime reports of suspicious activity, security breaches, and terrorist related activities for the U.S. Coast Guard and railroad incident reports for the U.S. Federal Railroad Administration.
- EPA encourages tribes to submit applications to the NRC to receive notifications when oil and hazardous materials incidents happen in Indian Country.
- Request the application from NRC: nrc@uscg.mil or fax 202-267-1322.
 - Questions about the application or to discuss the application process: nrc@uscg.mil or Nichols.Nick@epa.gov, 202-564-1970.
- **IChemE *Loss Prevention Bulletin* Special Issue**
 - The Institute of Chemical Engineers (IChemE) published a special issue of its *Loss Prevention Bulletin: Improving Process Safety by Sharing Experience*.
 - This special issue contains papers and case studies from around the world, covering the most significant and memorable accidents that humanity faced in the last 100 years.
 - This publication highlights the most important lessons learned.
 - Papers include:
 - Great Explosion of 1916
 - Fire and explosion of LPG tanks at Feyzin, France
 - Seveso: 40 Years On
 - Chernobyl: 30 Years On
 - Sandoz Warehouse Fire: 30 Years On
 - Challenger Space Shuttle Disaster
 - Risk and Safety Management of Ammonium Nitrate Fertilizer
 - Read the Special Issue (251, October 2016):
http://www.icheme.org/~media/Documents/LPB/lpb251_digimag.pdf
- **DHS announces CFATS Chemical Security Assessment Tool (CSAT) 2.0 Demonstrations**
 - The Department of Homeland Security (DHS) cordially invites you to a series of in-person presentations for the new CSAT 2.0.
 - These live demonstrations walk users through the revised CSAT portal user interface and streamlined Top-Screen, SVA, and SSP surveys that are being released this Fall.
 - Attendees will have an opportunity to hear CFATS updates, participate in a Q & A session, and interact with Chemical Security Inspectors.
 - Dates and meeting locations for some locations are being finalized. For updates:

<https://www.dhs.gov/cfats-tiering-methodology>

- All demonstrations take place
- Please register early. Capacity is limited: first come, first served.
 - Chicago, Illinois: <http://www.govevents.com/details/21256/csat-20-roadshow-demonstration--chicago/>
 - New Jersey (location TDB): CFATS@hq.dhs.gov
- Questions/for more information: CFATS@hq.dhs.gov
- Assistance with your CSAT account: csat@dhs.gov

Training Opportunities & Conferences

- **Ammonia Safety and Training Institute (ASTI) "Ammonia Safety Days" Training**

- ASTI is offering FREE ammonia safety training.
- Each training is an 8-hour conference-style presentation designed for industry, firefighters and regulators addressing prevention of and safe response to ammonia emergencies.
- Sample topics include hazard analysis, equipment problems leading to emergencies, emergency shutdown, emergency control and containment, safety plans, personnel protection equipment, decontamination, integrating with public safety responders, monitoring systems, public receptors, communications, and safe escape or shelter.
- Ammonia Safety Days will be held in the following locations:

Denver, CO	November 15
Houston, TX	November 29
Boston, MA	January 10, 2017
Salt Lake City, UT*	February 10, 2017
Phoenix, AZ*	February 14, 2017
Yuma, AZ*	February 16, 2017
Sacramento, CA	April 25, 2017

*indicates Safety Days supported, but not hosted by ASTI

- For more information / registration: <https://ammonia-safety.com/safety-days> or contact asti@ammonia-safety.com or 831-761-2935.
- **2017 Western Regions SERC/TERC Conference**
 - Registration is open for the 2017 Western Regions SERC/TERC Conference, Denver, CO, January 31 through February 1, 2017

- This meeting is hosted by EPA Region 8
- Register / Draft Agenda: <https://westernregions.eventbrite.com>

For More Information

- EPCRA: <https://www.epa.gov/epcra>
- RMP: <https://www.epa.gov/rmp>
- Critical Infrastructure / Chemical Security: <http://www.dhs.gov/critical-infrastructure-chemical-security>
- CFATS: <https://www.dhs.gov/risk-chemical-facility-anti-terrorism-standards-cfats>
- NASTTPO: <http://nasttpo.com/>

**Environmental Protection Agency / Department of Homeland Security & US Coast Guard
Department of Labor & Occupational Safety and Health Administration / Department of Transportation
Bureau of Alcohol, Tobacco, Firearms and Explosives / Department of Agriculture**

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