

EFCOG Safety Working Group FY2025 Annual Work Plan (October 1, 2024 – September 30, 2025)

Purpose

This document contains the Energy Facility Contractors Group (EFCOG) Safety Working Group (SWG) FY2025 Annual Work Plan (AWP). The approved AWP provides authorization for EFCOG members within the various Subgroups to work on activities identified in the AWP. Since the SWG has moved to a Task format for the AWP, it is possible that not all deliverables identified in the Plan will be completed by the end of the Fiscal Year. As a result, dates may not be provided for deliverables. While not consistently identified in the plan, all Subgroups meet or otherwise engage periodically throughout the year.

Working Group Mission and Scope:

The EFCOG SWG is chartered to support member companies in attaining and maintaining the highest levels safety and regulatory performance in the operation of Department of Energy (DOE)/National Nuclear Security Administration (NNSA) facilities/projects. The SWG will achieve this by:

- Advocating for strong, effective implementation of Integrated Safety Management across departmental activities.
- Seeking out, developing, and promoting best management and operating practices.
- Facilitating the exchange of operating experiences and information on safety/regulatory programs and their effectiveness and designing studies and developing position and technical papers to inform DOE/NNSA regulations and directives processes where appropriate.
- Providing DOE/NNSA and member companies with access to a network of subject matter experts.
- Identifying opportunities to save and/or avoid costs in the implementation of safety and regulatory programs while assisting member companies implement effective safety and regulatory programs through peer reviews and consultations; and
- Arranging for training, exercises and/or awareness workshops to enhance the competency of safety professionals.

EFCOG Safety Working Group FY2025 Annual Work Plan (October 1, 2024 – September 30, 2025)

To accomplish its mission, the SWG is subdivided into 5 Subgroups, which are listed below, and associated Task Teams. This AWP is similarly organized by Subgroup:

- Integrated Safety Management Systems (ISMS)
- Quality Assurance (QA)
- Regulatory & Enforcement (R&E)
- Contractor Assurance Systems (CAS)
- Worker Safety & Health (WS&H)

“Safety,” as it relates to the scope of the Working Group, is inclusive to the Department’s implementation of an Integrated Safety Management System. Safety includes several related functions such as worker safety and health, industrial hygiene, radiological protection, work planning and control, quality assurance, contractor assurance, and related regulatory programs.

FY2025 strategic focus areas identified by the EFCOG Board that are addressed in the Plan are:

1. Safe, Secure, and Effective Operations
2. Ensuring the Long-term Availability of Critical Equipment, Supplies, and Infrastructure
3. Assuring that Projects are Completed on Cost and Schedule
4. Recruit, Develop and Retain the Right People to Ensure Future Mission Needs are Met

Approved by:

Duane McLane
Safety Working Group Chair

Approved by:

Kevin Dressman
Director, EHSS-10
Office of Health and Safety
Department of Energy, Safety Working Group Liaison

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Contractor Assurance System (CAS) Subgroup

Activity	Benefit(s)	Deliverable/Key Milestone
<p>CAS-25-01 – Completion of the activities and improvements for the EFCOG <i>CAS Maturity Evaluation Tool</i></p>	<p>Maintain alignment with the latest understanding of assurance and maturation of CAS implementation across the complex.</p>	<ol style="list-style-type: none"> 1. Create a section to explain the purpose and use of the EFCOG <i>CAS Maturity Evaluation Tool</i>. 2. Conduct Benchmarking to identify best practices. 3. Expand the tool to incorporate best practices and references
<p>CAS-25-02 – Develop scoping descriptions for the CAS Education Core topics to improve the usability of the document</p>	<p>Provides additional clarity for the intent and scope of training in each to the core topical areas.</p>	<p>Expand on the outline to describe the scope of the overarching core topical areas.</p>

Integrated Safety Management Systems (ISMS) Subgroup

Activity	Benefit(s)	Deliverable/Key Milestone
<p>ISM-SC-25-01 Safety Culture Surveys Guidance and Survey Question Bank</p>	<p>This document was developed by the EFCOG Safety Culture Community of Practice (CoP) to fulfill several purposes. First, there has been a recognized need within the Safety Culture CoP to establish guidance and examples of “good” culture surveys for some time. Second, with the conceptual and implementation maturation of safety culture within the DOE complex, expectations from DOE have likewise matured. As such, this document is specifically intended to</p>	<p>Projected completion: end of CY-2025* *DOE SCIP is now partnering on this guidance; the completion date is TBD.</p>

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Activity	Benefit(s)	Deliverable/Key Milestone
	address align with opportunities for improvement and implement best practices feedback from the Office of Enterprise Assessments (EA) assessments of Safety Culture Methods performed at multiple sites from 2022 to 2025.	
ISM-SC-25-02 A Literature Review of Safety Culture (revision 01)	To provide a peer-reviewed document of pertinent Safety Culture publications from the initial Sandia Safety Culture Literature Review (2013) to 2024.	White Paper
ISM-HPI-25-01 Support DOE with the revision of HPI DOE-HDBK-YYYY-1028	Continuation of ISM-HPI-24-01 which did not complete in FY2024	Projected completion: end of CY-2025
ISM-HPI-25-02 White Paper: HPI to HOP transition	<ol style="list-style-type: none"> 1. <i>Start after completion of ISM-HPI-25-01</i> 2. Identify good reference material on the transition from HPI to HOP 3. Including a clearly written “roadmap” document with a list of actionable steps for companies/organizations who are beginning their journey of integrating HOP concepts and principles 4. Develop a simple set of metrics to measure success with integration of HOP concepts and principles 5. Review HPI Task 19-1, Crosswalk of HPI Fundamentals and Tools to DOE Policy Documents, and update as necessary 	Projected completion: end of CY-2025

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Activity	Benefit(s)	Deliverable/Key Milestone
ISM-HPI-25-03 White paper: Investing success	<ol style="list-style-type: none"> 1. Process improvement not only includes finding better ways to do things, but it should also include retaining and sharing current successful practices. 2. Start exploring ways to investigate, record, and celebrate success. 	Projected completion: end of CY-2025
ISM-WP&C-25-01- WP&C Risks and Actions	Finalize Top 10 WP&C Risks and Actions to Mitigate Them 2024	
ISM-WP&C-25-02- WP&C Risks and Strategies	Major WP&C Risks and Strategies to Prevent Them– Part II	Technical Paper

Quality Assurance (QA) Subgroup

Activity	Benefit(s)	Deliverable/Key Milestone
QA-25-01 (QA-24-11) - Multi-Site Assessment Schedule	Increase sharing of assessment schedule for all sites and move assessment schedule into the MASTER SUPPLIERS' LIST	Assessment schedule in the Master Suppliers' List
QA-25-02 (QA-24-12) - Testing Spreadsheets	Standardized methodology for testing of spreadsheets	White Paper
QA-25-03 (QA-24-16) - Procurement Documentation for Software	Standardize approach for software acquisition	Best Practice / White Paper
QA-25-04 (QA-24-17) - SQA and Suspect / Counterfeit Items (S/CI)	Raise awareness/prevent introduction of counterfeit computer code	White Paper

Regulatory & Enforcement (R&E) Subgroup

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Activity	Benefit(s)	Deliverable/Key Milestone
<p>R&E-25-01 – Apply feedback regarding the FY2024 series of contractor information exchange phone calls to enhance peer to peer mentorship. Establish approach to involve membership in selecting topics.</p>	<p>Provide a forum in which to discuss common challenges and process efficiencies related to determining noncompliance, making decisions about reporting, and interfacing with OE during investigations, fact findings, and regulatory assistance reviews.</p>	<p>Conduct six or more virtual meetings. Obtain feedback from the participants.</p>
<p>R&E-25-02 – Conduct one or more virtual meetings with the Office of Enforcement to continue improving engagement in virtual forums applying lessons learned from the FY2024 virtual meeting.</p>	<p>This task builds on feedback from the FY2024 activities to continue improving engagement in virtual forums.</p>	<p>Conduct one or more virtual meetings. Obtain feedback from the participants.</p>
<p>R&E-25-03- Review four or more posted Best Practices to ensure they are current and useful to the membership.</p>	<p>This task is identified to ensure that sub-group participants have access to best practices that are current and relevant.</p>	<p>Updates to the Best Practices or the Best Practices list, as appropriate, based on membership feedback.</p>

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Worker Safety & Health (WS&H)

Activity	Benefit(s)	Deliverable/Key Milestone
<p>WS&H-RP-25-01 (WS&H-RP-24-01) – Develop and Issue a Technical Position on the Use of Standard Health Physics and COTS Software Across the Complex.</p>	<p>Nuclear Safety Software has specific scope and definitions as defined in DOE O 414-1D; however, it is applicable via a graded approach to consequence assessment purposes typically employed in Radiation Protection activities.</p>	<p>Provide recommended guidance on appropriate applications and classifications of software based on revisions to DOE O 414-1D.</p> <p>The Radiation Protection CoP will rewrite position paper based on new revision of DOE O 414-1D. It will differentiate software quality uses and application via a graded approach but will also suggest use of a Central Registry where frequently used consequence assessment software programs reside and can be used to meet appropriate SQA-1 software requirements on a consistent basis. On hold until DOE O 414-1E is released.</p>
<p>WS&H-RP-25-02 (WS&H-RP-24-02) – Disc Source Activity Investigation</p>	<p>Establish a standardized surface emission rate ratio for instrumentation calibration across DOE complex</p>	<p>Develop guidance on surface emission rate to source contained activity ratio used for calibration of portable hand-held, smear counting, and air monitoring instruments/equipment. BP development in process.</p>
<p>WS&H-LS-25-01 – Evaluation of ANSI Z136.1-2022 and comparison with Z136.1-2014 and Z136.8-2021(continuation of WS&H-LS-24-01)</p>	<p>The purpose of the review is to:</p> <ul style="list-style-type: none"> • compare Z136.1-2022 with Z136.1-2014 and with ANSI Z136.8-2021, Safe Use of Lasers in Research, Development and Testing. • evaluate and summarize substantive differences between the 3 standards and determine if any changes should be developed as best practices (e.g., changes to Maximum Permissible Exposure (MPE) limits) 	<p>Final presentation from LSO Workshop to be posted with workshop presentations. Draft of comparison and summary of substantive differences to be submitted to Laser CoP for final comments prior to publication on Laser CoP webpage. Estimated completed end of Quarter 1, FY2025.</p>

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Activity	Benefit(s)	Deliverable/Key Milestone
	Currently, DOE labs have a regulatory requirement via 10CFR851 to abide by Z136.1-2014	
WS&H-LS-25-02 – Laser Worker Survey, include benchmarking laser protective eyewear (LPE) use across the DOE complex.	This survey has not been completed since 2020 and provides insight to the overall attitude towards laser safety from across the DOE complex. Will address the use of administrative controls with laser protective eyewear. This will ensure that the Best Practices are shared across the complex and more uniform safe practices are implemented.	Share results of survey with individual DOE laboratories. Publish report summary findings to the EFCOG-Laser Safety CoP web page and submit abstract to present findings at the 2025 International Laser Safety Conference and 2026 DOE Laser Safety Officer Workshop.
WS&H-IH&S-25-01 (WS&H-IH&S-24-03) DOE Table for Silica Controls	Develop a shared strategy for silica hazard assessment that mirrors the OSHA table 1 method.	Create a table with OSHA table 1 tasks and a risk assessment based on the ACGIH TLVs. Deliver a shared data library to support the new table.
WS&H-IH&S-25-02 Use of sports drinks	Investigate and develop technical position paper on the use of sports drinks as an integral part of heat stress programs	Develop Technical Position Paper
WS&H-DP-25-01 (WS&H-DP-24-02) Collaboration of Designated Psychologists on Best Practices manual	Clarifying structure and flexibility for Designated Psychologists' application of HRP across sites, based on context of colleagues' experiences and feedback from other stakeholders	Best Practices Manual

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Activity	Benefit(s)	Deliverable/Key Milestone
<p>WS&H-ES-25-01 (WS&H-ES-24-01) Develop NFPA 70B Best Practice on training for equipment inspectors, requestors, and procurement personnel</p>	<p>To increase consistency in the implementation of NFPA 70B revision to a Standard.</p>	<p>Best Practice and training slides posted to the EFCOG website</p>
<p>WS&H-ES-25-02 (WS&H-ES-24-02) Review and revise the Electrical Severity Measurement Tool. Create ESMT training material.</p>	<p>Revised to improve consistency of use and update to the latest hazardous energy thresholds. Training to strengthen knowledge of calculation inputs.</p>	<p>ESMT Revision to Best Practice 48 Rev 6: Released 8/22/2024</p>
<p>WS&H-ES-25-03 (WS&H-ES-24-05) Develop crosswalk between 29 CFR 1910.269 and NFPA 70E requirements</p>	<p>To add clarity on the interfaces between electrical utility standards requirements.</p>	<p>Best Practice for crosswalk of NFPA 70E and 29 CFR 1910.269 requirements</p>
<p>WS&H-SS-25-01 Establish Subcontractor Safety Community of Practice (CoP)</p>	<p>Ongoing engagement to improve subcontractor safety across the complex</p>	<p>Establishment of CoP</p>
<p>WS&H-OM-25-01 Be Safety Program Guide</p>	<p>Provide updates to relevant chapters in “A Practitioner’s Guide to Beryllium Hazard Management” sponsored by the Beryllium Health and Safety Committee and designed for an international occupational medicine community.</p>	<p>Relevant Chapters</p>

**EFCOG Safety Working Group FY2025 Annual Work Plan
(October 1, 2024 – September 30, 2025)**

Activity	Benefit(s)	Deliverable/Key Milestone
WS&H-OM-25-02 Develop a pilot for medical information exchange from current worker program to former worker program	Develop a proposed method for sharing occupational medicine employee records from current worker EMR to former worker EMR, including method for employee consent.	Draft of formal written process for occ med medical record sharing, with employee consent for review.
WS&H-OM-25-03 Benchmark topics of interest	Benchmark within the CoP to understand practice, policy and procedural solutions for a variety of topics specific to occupational medicine at DOE sites.	Benchmarking Summary