

EFCOG SQA Group Meeting

April 19, 2023

- Co-Chair: Cristy Renner (cristy.renner@ports.pppo.gov)
- Co-Chair: Teri Vincent (teri.vincent@pxy12.doe.gov)
- Secretary: Carol Olijar (cschultz@anl.gov)
- Meeting Coordinator: vacant



- ▶ Safety/Security Moment
- ▶ Spring Meeting Planning
- ▶ Announcements, Updates, and Dates to Remember
- ▶ Sub-Task Groups Updates & Add Members/Leaders
- ▶ Next Steps
- ▶ Accessing EFCOG SQA Website, Box, and DOE OrgEx Forums

Email Carol Olijar for Meeting Attendance (cschultz@anl.gov)



Safety/Security Moment

Spring Meeting Agenda

4

- ▶ See Draft Agenda

Email Carol Olijar for Meeting Attendance (cschultz@anl.gov)

Spring Meeting Agenda

5

- ▶ Graded Approach(Discussion and Benchmarking)
 - ▶ How are sites handling?
 - ▶ Nuclear vs. non nuclear (safety vs. non-safety software)
 - ▶ Radiological
- ▶ Software Design Authority (Discussion and Benchmarking)
 - ▶ How are sites handling?
 - ▶ Nuclear vs. non nuclear (safety vs. non-safety software)
 - ▶ Radiological
- ▶ Potential Cyber topics
 - ▶ Continuous Diagnostics Monitoring Project
 - ▶ Hot Topics (e.g., EO 15056)
 - ▶ Supply Chain
 - ▶ How does Cyber working with SQA?

Email Carol Olijar for Meeting Attendance (cschultz@anl.gov)

Questions for the Group

- ▶ Do you have a Supplier Quality checklist?
- ▶ Assessment criteria/checklist for evaluating vendor program to NQA-1, DOE O 414, ISO 9001, etc.?

Task Name	Members	Status*
Testing Spreadsheets	➤ Sid Ailes, Atkins (Lead) –	WPID
	➤ Colby Carter, WIPP ➤ Laura Cook, LLNL ➤ Denise Fast, Bechtel ➤ Orlando Ferrer, RL ➤ Greg Pope, LLNL	➤ James Hylko, ORNL ➤ Eric MacEwen, KC NSC ➤ Dave Thoman, Amentum ➤ Jeni Turgeon, SNL ➤ Al Zuckero, SRS
SQA Benchmarking and Surveys	➤ Teri Vincent, CNS (Lead) – teri.vincent@pxy12.doe.gov	IP
	➤ Sarah Hartson, LLNL ➤ Vicki Pope, LLNL	
Cloud-based Hosting Software	➤ Orlando Ferrer (Lead) – orlandoaferrer@rl.gov	WPID
	➤ Lisa Cooper, Paducah ➤ Vicki Pope, LLNL	
SQA/Cyber Security Integration	➤ Greg Pope, LLNL (Lead) – pope12@llnl.gov	IP Group Formed 10/19/22
	➤ Marylou Apodaca, SNL ➤ Vicki Pope, LLNL ➤ Lincoln Djang, WIPP	

Sub-Tasks Status Updates & Add New Members/Leaders

*Status

- IP = In Process
- WPID - White Paper in development/draft
- WPIR = White Paper in review
- WPF/STC = White Paper Finalized/Sub-Task Completed

Task Name	Members	Status*	
Internet of Things	➤ Lead Needed	On-hold	
	➤ Greg Pope, LLNL		➤ Gladys Udentia, NNSA
Procurement Documentation for Software	➤ Lead Needed	New	
	➤ Justin Suder		➤ Teri Vincent
	➤ Corwin Jones		
SQA and Suspect / Counterfeit Items (S/CI)	➤ Lead Needed	New	

Sub-Tasks Leaders Needed

*Status

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Future Meeting

- ▶ Software Engineering Body of Knowledge (SWEBOK) Rev 4 by Hironori Washizaki, IEEE Computer Society VP for PEAB (****special meeting time TBD due to time difference)

Announcements and Updates

Sign up for QA Community of Practice on Organizational Excellence Website: <https://orgex.energy.gov/>



Any site Announcements or concerns?



Next EFCOG SQA Monthly WebEx - May 17, 2023

Email Carol Olijar for Meeting Attendance (cschultz@anl.gov)

Date(s)	Site	Lead Presenter(s)	Subject (if known)
May 1-4, 2023	Spring Meeting	Spring Meeting	TBD
May 17, 2023	TBD	TBD	TBD
June 21, 2023	TBD	TBD	TBD
July 19, 2023	TBD	TBD	TBD

Future Site Presentations

Email Carol Olijar for Meeting Attendance (cschultz@anl.gov)

Next Steps

- ▶ Volunteer to present your site's tool or process @ Monthly meetings - 20 minutes or less (contact Teri Vincent teri.vincent@pxy12.doe.gov or Cristy Renner cristy.renner@ports.pppo.gov)
- ▶ Sub-task groups to meet prior to next meeting
- ▶ Don't forget to post your Sub-task products to Box
- ▶ Volunteer for Sub-task groups



Date	Conference/Training Title	Teaching Org (linked to Website)
Every 2 nd Tuesday @ 1:00 pm EST	NQA-1 Subcommittee on Software Quality Assurance	NQA-1 Software Quality Assurance Subcommittee
Every Wednesday @ noon CST	Various Software Quality Webinars*	Linda Westfall's Software Excellence Academy
See websites for schedule	NQA-1 Lead Auditor Training Courses	Arsenal Consulting, Inc. - (virtual) American Society of Mechanical Engineers - (virtual) Nuclear Training Institute
See websites for schedule	NQA-1 & ANSI N45.2.6 Lead Auditor Training	J-E-T-S Quality Consultants, Inc. - (virtual)
See websites for schedule	NQA-1 / 10/CFR Part 50 Appendix B Lead Auditor Training	LMJ International - (virtual)

*Check the Linda Westfall website for additional on-demand training titles and dates (including FREE webinars on Wednesdays) - [Westfall Software Excellence Academy](#)

Dates to Remember

Email Carol Olijar for Meeting Attendance (cschultz@anl.gov)

EFCOG SQA Web Site

<https://efcog.org/safety/quality-assurance-subgroup/software-quality-assurance-task-group/>

- New content has been posted to:
 - **WHITE PAPERS** → **NEW: Graded Approach White Paper**

SQA QUICK LINKS

The next SQA WebEx will be February 16, 2022. Linkage information for that meeting will be posted as soon as available.

BOX Account

[Create your BOX account](#)
<https://app.box.com/>

SOFTWARE QUALITY ASSURANCE TASK TEAM

Leadership

- Teri Vincent, Co-Chair (Consolidated Nuclear Security, LLC)
- Cristy Renner, Co-Chair, (FBP-Portsmouth)
- Carol Olijar, Secretary (Argonne National Laboratory)

DOE Point of Contact

- Garrett Smith, US DOE

CHARTER

Charter

The Software QA Task Group (SQATG) serves Energy Facility Contractors Group (EFCOG) and its members by identifying, analyzing, assessing, and recommending methods that support effective implementation of Software Quality Assurance (SQA) requirements and resolve SQA program performance issues.

In particular, SQATG focuses on cross-cutting issues across DOE sites or across SQA functions. Accordingly, the group engages in regularly planned meetings to report on performance, assess and categorize issues, and prepare initiatives responsive to this charter. The SQATG measures may include interpreting complex DOE requirements, deriving techniques and tools, disseminating lessons learned, and establishing best practices.

Software QA / Meeting Records /

TYPE	DRAWER/FILE
	2018 FALL
	2018 SPRING
	2019 FALL, Y 12
	2020 FALL, VIRTUAL
	2020 SPRING, SNL
	2021 FALL, VIRTUAL
	2021 SPRING, VIRTUAL
	WEBEX MEETINGS

Software QA / White Papers /

TYPE	DRAWER/FILE
dir	SOFTWARE ASSESSMENT CHECKLIST
xlsx	Orders and Policies Affecting SW Last Update 11-11-2020
pdf	WP 2018 SAF QA SQA 001 Guidance For Audited Organizations
pdf	WP 2019 SAF QA SQA 001 SQA of Firmware
pdf	WP 2019 SAF QA SQA 002 Toolbox Codes Voting
pdf	WP 2020 SAF QA SQA 002 Toolbox Qualification Streamlining Recommendations
pdf	WP 2021 SAF QA SQA 002 GradedApproach FINAL
pdf	WP2020 SAF QA SQA 003 Definition Of Software
pdf	WP2021 SAF QA SQA 001 Better Application of DOE O 414 to All SW
docx	Whitepaper Development Guidance

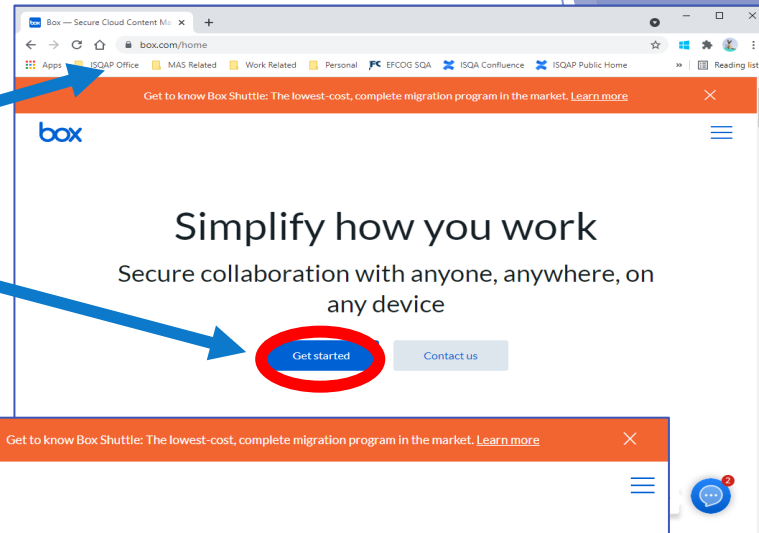
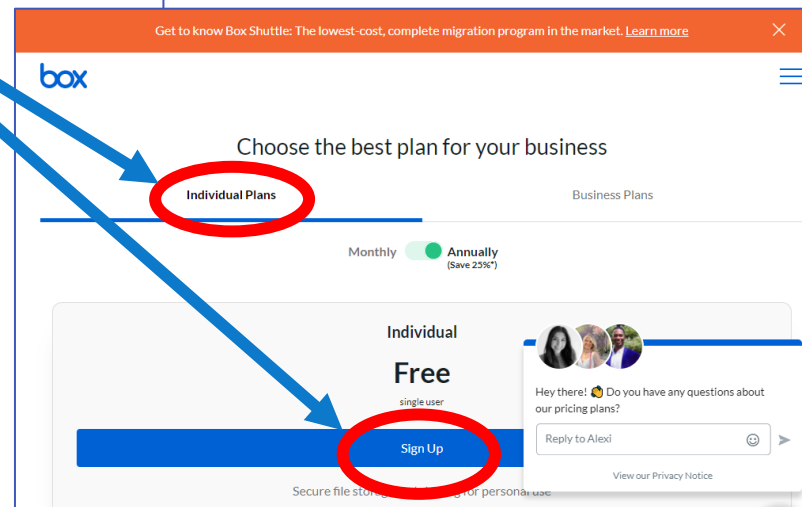
Scroll down to page bottom

Software QA /

TYPE	DRAWER/FILE
dir	MEETING RECORDS
dir	SHARED SQA JOB AIDS
dir	TEAM PHOTOS
dir	WHITE PAPERS

Create your BOX account

- ▶ Go to URL:
<https://www.box.com/home>
- ▶ Click on the “Get Started” button
- ▶ Select “Individual Plans”

A screenshot of the Box account creation form. The form is titled "Start Using Your Box Account Today" and "Tell us a bit about yourself". It is divided into two columns. The left column, "Your Information", contains fields for "Full Name", "Email Address", "Password", and "Confirm Password". Below these fields are several checkboxes for terms of service and a "I'm not a robot" checkbox. The right column, "Your Current Plan:", shows "Box Individual" with features like "10 GB Storage" and "250 MB file upload limit". A blue arrow labeled "3" points from the "Individual Plans" button in the previous screenshot to this form. Another blue arrow labeled "4" points from the "Individual Plans" button to the "Sign Up" button in the next screenshot.

- 5 • Complete the form
- 6 • Send your user ID/email to: cschultz@anl.gov *

* You may need to ask your IT group to grant you special access through your site's firewall to Box. Justified as member of EFCOG SQA Working Group.

DOE Organizational Excellence Forums

<https://orgex.energy.gov/>

ORGANIZATIONAL EXCELLENCE
U.S. DEPARTMENT OF ENERGY

User login

Username *

Password *

- Create new account
- Request new password

I'm not a robot

Log in

User account

Create new account | Log in | Request new password

Create new account

Username *

E-mail address *

First Name *

Last Name *

Phone *

Work Location *

I'm not a robot

ORGANIZATIONAL EXCELLENCE
U.S. DEPARTMENT OF ENERGY

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Click QA Community of Practice

Forum

Forum	Topics	Posts	Last post
Department of Energy Safety Culture Website	1	2	Department of Energy's Safety Culture Website by Bill Schiayer 03/16/2020
General Discussion	7	12	Suggest a Fire Protection Area by Christian Peley 03/16/2020
Safety Culture Improvement Panel	6	8	SCIP Bulletin December 2019 by Cecilia Kenney 12/03/2019
Safety Culture Sustainability Plans Safety Culture Sustainability Plans for DOE sites	1	5	Safety Culture Sustainability Plans by David Weitzman 04/12/2018



We do quality software,
and we can prove it.



Co-Chair
Cristy Renner



Co-Chair
Teri Vincent



Secretary
Carol Olijar

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Next Meeting: May 17, 2023