

EFCOG SQA Group Meeting

July 20, 2022

- 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
- ▶ Embedded Digital Device (EDD)
- ▶ Announcements, Updates, and Dates to Remember
- ▶ List of Sub-Task Groups & Members
- ▶ Next Steps
- ▶ Accessing EFCOG SQA Website, Box, and DOE OrgEx Forums

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



▶ Embedded
Digital Device
(EDD)

Presented by:
John Hendricks

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

Announcements and Updates

4

EFCOG Fall Meeting Survey

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

Any site Announcement or concerns?

Next EFCOG SQA WebEx - August 17, 2022

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

Potential Topics to Discuss

- ▶ ATO/IATO - Authority to Operate
- ▶ Software Engineering Body of Knowledge (SWEBOK) Rev 4

Task Name	Members	Status*											
Testing Spreadsheets	➤ Greg Pope, LLNL (Lead) – pope12@llnl.gov	WPID											
	<table border="0"> <tr> <td>➤ Sid Ailes, Atkins Global</td> <td>➤ James Hylko, ISOTEK</td> </tr> <tr> <td>➤ Colby Carter, WIPP</td> <td>➤ Eric MacEwen, KCNSC</td> </tr> <tr> <td>➤ Laura Cook, LLNL</td> <td>➤ Dave Thoman, Amentum</td> </tr> <tr> <td>➤ Denise Fast, WRPS</td> <td>➤ Jeni Turgeon, SNL</td> </tr> <tr> <td>➤ Orlando Ferrer, RL</td> <td>➤ Al Zuckero, SRS</td> </tr> <tr> <td>➤ Corina Gonzales, LANL</td> <td></td> </tr> </table>	➤ Sid Ailes, Atkins Global	➤ James Hylko, ISOTEK	➤ Colby Carter, WIPP	➤ Eric MacEwen, KCNSC	➤ Laura Cook, LLNL	➤ Dave Thoman, Amentum	➤ Denise Fast, WRPS	➤ Jeni Turgeon, SNL	➤ Orlando Ferrer, RL	➤ Al Zuckero, SRS	➤ Corina Gonzales, LANL	
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➤ Orlando Ferrer, RL	➤ Al Zuckero, SRS												
➤ Corina Gonzales, LANL													
SQA Benchmarking and Surveys	➤ Teri Vincent, CNS (Lead) – teri.vincent@pxy12.doe.gov	IP											
	<table border="0"> <tr> <td>➤ Marylou Apodaca, SNL</td> <td>➤ Greg Baker, NNSA</td> </tr> <tr> <td>➤ Faith Girolamo, SRS</td> <td>➤ Barbara Hill, ICP</td> </tr> <tr> <td>➤ Sarah Hartson, LFO</td> <td></td> </tr> </table>		➤ Marylou Apodaca, SNL	➤ Greg Baker, NNSA	➤ Faith Girolamo, SRS	➤ Barbara Hill, ICP	➤ Sarah Hartson, LFO						
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Cloud-based Hosting Software	➤ Orlando Ferrer (Lead) – orlandoaferrer@rl.gov	WPID											
	<table border="0"> <tr> <td>➤ Lisa Cooper, Paducah</td> <td>➤ Russell Swannack, PNNL</td> </tr> <tr> <td>➤ Vicki Pope, LLNL</td> <td></td> </tr> </table>		➤ Lisa Cooper, Paducah	➤ Russell Swannack, PNNL	➤ Vicki Pope, LLNL								
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➤ Vicki Pope, LLNL													

Sub-Tasks Update

*Status

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

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

New Sub-Tasks Update or Leaders Needed

*Status

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

Task Name	Members	Status*
Internet of Things	➤ (Lead Needed)	On-hold
	➤ Greg Pope, LLNL ➤ Gladys Udentia, NNSA	
SQA/Cyber Security Integration	➤ TBD	New
Procurement Documentation for Software	➤ TBD	New
SQA SME Contacts List	➤ Carol Olijar, ANL (Lead) – cschultz@anl.gov	New
	➤ N/A ➤ N/A	

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2022 Monthly Date	Site	Lead Presenter	Subject (if known)
August 17, 2022	Virtual		
September 21, 2022	Virtual		
October 19, 2022	Virtual		
November	TBD		2022 EFCOG ISM & QA Fall Meeting
December	TBD		2022 EFCOG ISM & QA Fall Meeting

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
- ▶ Contact Cristy Renner at cristy.renner@ports.pppo.gov for Weekly SQE Questions. Cristy will send out emails each week to those who want to participate.
- ▶ **Next Monthly SQA WebEx Meeting: August 17, 2022**



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
WebEx – 3rd Wednesday of each month at @1pm PST
<https://lnlfnfed.webex.com/lnlfnfedj.php?MTID=mb5f29ec2c54568454297c9627c0cc3b>
Meeting number (access code): 807 541 418
Meeting password: Tp6p72PK
Or
Join by phone
+1-415-655-0001 US TOLL
BOX Account
Create your BOX account

SOFTWARE QUALITY ASSURANCE TASK TEAM

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-wide requirements, deriving techniques and tools, disseminating lessons learned, and establishing best practices.

Leadership
VICKI POPE
TERI VINCENT
CAROL OLIJAR

DOE Point of Contact
GARRETT SMITH

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

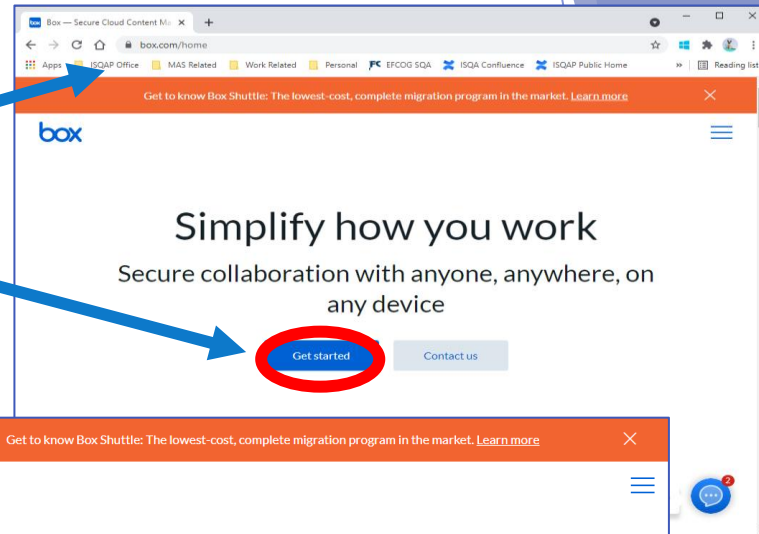
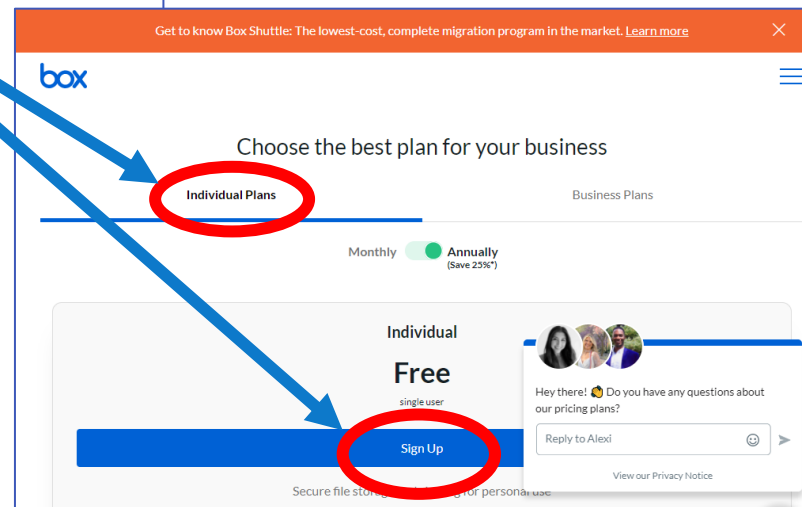
Documents

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 title is 'Start Using Your Box Account Today' with the subtitle 'Tell us a bit about yourself'. The form is divided into two columns. The left column is titled 'Your Information' and contains fields for 'Full Name', 'Email Address', 'Password', and 'Confirm Password'. The right column is titled 'Your Current Plan:' and shows 'Box Individual' with features like '10 GB Storage' and '250 MB file upload limit'. At the bottom, there are checkboxes for 'I live in the European Economic Area or U.K.', 'By checking this box, you agree to Box's Terms of Service...', and 'I'm not a robot'. A red arrow labeled '5' points to the form.

- 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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Forum

View Forums

- New Forum Ideas
- Accident Investigation
- Contractor Assurance
- Employee Concerns Program
- Energy Facility Contractors Group
- Environmental Policy and Compliance
- Employee Engagement
- Enterprise Risk Management
- EnergyVets
- Human Performance Improvement
- INFO Resources
- Integrated Safety Management
- ORPS/DOE
- Performance & Reliability
- Publications
- QA Community of Practice**
- Safety Culture
- Sustainability

Forum	Topics	Posts	Last post
Department of Energy Safety Culture Website	1	2	Department of Energy's Safety Culture Website by Bill Schrieyer 03/16/2020
General Discussion	7	12	Suggest a Fire Protection Area by Christian Patey 03/19/2020
Safety Culture Improvement Panel	6	8	SCIP Bulletin December 2019 by Cecilia Kenney 12/03/2019
Safety Culture Sustainment Plans	1	5	Safety Culture Sustainment Plans by David Weizman 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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