Coffee break !

Return by 3:05 pm EST

WELCOME TO

Quality Assurance Subgroup

EFCOG QA/ISM Fall 2021 Virtual Meeting

Quality Assurance Leadership Team

Vince Grosso (NST) – Chair
grossovj@nv.doe.gov

Matthew Alt (CNS Y-12) – Vice Chair matthew.alt@cns.doe.gov

Michael Russell (ORNL) – Secretary
russellms@ornl.gov

Focus on Quality

- Welcome
- Changes to the QA Team
  - New QA Policy & Procedures Leadership
- Choices

Quality Task Teams

- **Supply Chain Quality**
  - Chair - Bill Wingfield
- **Software Quality Assurance**
  - Chair - Vicki Pope
- **Procurement Engineering Quality**
  - Chair - Spencer Daw
- **Policy and Procedures**
  - Chair – Robin Dillman

Bill Wingfield (LANL), Chair

Joe Fulghum (SRS), Vice Chair

Julie Snelling (PNNL), Secretary

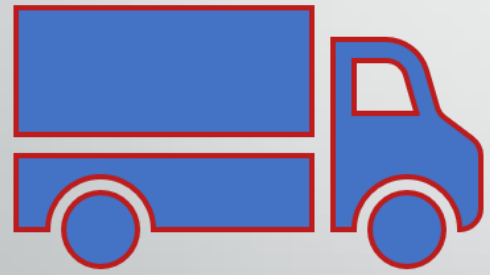
Supply Chain Quality

Supply Chain Quality Accomplishments

- Task SC-20-02 MSL User Guides Issued and Published – Kristin Bell – SNL; & David Hebert – KCNSC

- Task SC-12-01 POC List Updated – Veronica Ballew – WIPP

Supply Chain Quality Agenda



Tuesday a.m

- Security Share – Handling Supply Chain Alerts such as cyber hacks on suppliers – Amber Romero (SNL)
- Leveraging AS-9100 Supplier – Amber Romero (SNL)
- LANL Brief History – Nic Lewis (LANL)
- Suspect/Counterfeit Items Annual Report – Gabby Holcomb (DOE HQ)

Supply Chain Quality Agenda

Tuesday p.m.

- DAMal Tools Demonstration – Felix Gonzales DOE-HQ
- R-013 Expectations – Alecia Gallegos (NNSA-NA-121.3)
- Minimizing introduction of Counterfeit Items in DOE Supply Chain – TBD – DOE-OIG

Supply Chain Quality Agenda

Wednesday a.m.

- Safety / Safety Share – Seneca Johnson (SRS)
- MSL Training – Kristin Bell – SNL; Dave Hebert – KCNSC & David Hicks KCNSC
- MSL items for future MSL development – Dave Hebert – KCNSC
- Supply Chain Happenings in NNAA – Jeffrey Winter – DOE-HQ
- Task SC-18-03 DOE EM Single Approved Supplier List – Update the MSL POC List – Bill Wingfield – LANL

Supply Chain Quality Agenda

Wednesday p.m.

- Quality Level Determinations – Sandra Schindler (SNL)
- Foreign Suppliers Guidance – Discussion Bill Wingfield (LANL)
- R-028 Release and Update Discussion – Ron Rodger (NNSA NA-121.3)
- SCRM Practices – Amy Lientz (INL) & Jason Eaton (CNS)
- Open Discussion – Potential Tasks – Julie Snelling

Supply Chain Quality Agenda

Thursday a.m.

- Supplier Audit Schedules Nov 2021 – Jun 2022 – Julie Snelling, PNNL

Vicki Pope (LLNL), Chair
Teri Vincent (CNS/Y-12), Vice Chair
Carol Olijar (ANL), Secretary

Software Quality Assurance

SQA Agenda Highlights

Tuesday, November 2, 10:30 am – 5:00 pm (EST)

- Qualifying Safety and Non-Safety Software (panel – 11:50 am)
- Safety Software Inventories (panel – 1:30 pm)
- Auditing your own SQA Program (2:30 pm)
- Qualifying SQA SMEs and Implementing your SQA Program (panel – 3:40 pm)

Wednesday, November 3, 10:30 am – 5:00 pm (EST)

- USQ for Safety Software (10:45 am)
- Software Spreadsheets Gone Wrong (panel – 11:45 am)
- SQA Taxonomy for Federal Enterprise Architecture (1:40 pm)
- Sub-task Breakout Sessions – see below (2:40 pm)

Thursday, November 4, 10:30 am – 1:00 pm (EST)

- Creation of SQA-related Surveys (10:45 am)
- Subtask Breakout sessions – see below (11:45 am)
- Plan Future Monthly WebEx Calls and Fall Meeting (1:00 pm)

Breakouts for Task Subgroup Work, throughout

- Toolbox Alternatives
- Testing Spreadsheets
- Matrix of Software Standards, Orders, and Policies

FCOG

FY21 Published White Papers

- **Software Graded Approach to DOE O 414**:
  - WP-2021-SAF-QA-SQA-002
- **Matrix of Orders and Policies Affected Software:**
  - on-going
- **Better Application of DOE O" 414.1D to "All" Software**
  - WP-2021-SAF-QA-SQA-001

Current SQA Sub-tasks

- Toolbox Alternatives
- Testing Spreadsheets
- Matrix of Software Standards, Orders, and Policies
- Guidance for Cloud-Hosted Software
- Internet of Things

SQA Challenges

- Diversity of sites:
  - Size
  - Mission/focus
  - Sponsor: EM, NNSA, OS
- DOE O 414.1D applicability to ALL software
- DOE Toolbox Qualifications, Coordinating, and Sharing Software Vendor Assessments

Spencer Daw (INL), Chair

John Hendricks (Curtiss Wright), Vice Chair

Sandra Schindler (Sandia), Secretary

Procurement Engineering Quality

EFCOG FALL MEETING PETG AGENDA

Day 1 – Tuesday, November 2nd

- Discussion on use of Organizational Excellence CGD Plan Sharing
- Third Acceptance Method
- Cyber Security Language
- Concrete: Acceptable Methods of Acceptance for SS/SC/SR concrete
- Frequently Asked Questions (FAQ) Part 1
- Processes for effectivity implementing Like-for-Like and Equivalently definitions

Day 2 – Wednesday, November 3rd

- Flow down of QA requirements from DOE Prime Contractors to contractors
- Define Method 4. EPRI guidance
- Frequently Asked Questions (FAQ) Part 2
- How best to develop Procurement Strategy? Round Table
- ISO-17025 / 17065 applications and UL accreditation applications
- Credible Failure Analysis: How can this be performed? Round Table discussion
- NQA-1 Committee Update

Day 3 – Thursday, November 4th

- Generic CGD Plan review discussion
- Frequently Asked Questions (FAQ) Part 3
- CGD Handbook Discussion
- PE Web-site discussion

PETG Accomplishments

- **In Process Tasks:**
  - PE-19-04: Frequently Asked Questions (8 FAQs created)
  - PE-19-05: Acceptance of item/services in accordance with Part I of NQA-1
  - PE-21-04: Guidance on implementation of Method 4
  - PE-21-05: Guidance on use of Accreditation (e.g., ISO-17065, UL)
  - PE-21-08: Replacement Part Guidance
- **Completed Tasks:**
  - PE-21-01: Procurement Engineering Effectiveness
  - PE-21-02: QA Flow Downs
- **Other Items:**
  - Website updated
  - Organization Excellence Website now has a CGD Page

PETG Accomplishments and Goals

- **Lessons Learned and Best Practices:**
  - Complete 3 additional "Lesson's Learned" and "Best Practices" white papers (2 with 2 near completion)
  - Continue to add FAQ's and responses (minimum 3) (Completed 8)
- **Ongoing Tasks**:
  - Continue work on ongoing PETG Tasks
    - Sample CGD plans
    - Engineered Procurement Effectiveness
    - Item Acceptance via NQA-1 Part 1

- **Expand our Reach:**
  - Increase group participation by 25% (32 in April Meeting vs. 77 for Nov.)
  - Ensure all sites are invited to participate (25 locations)

Thank You!

- Time and Contribution
- Innovation
- Dedication

EFCOG Website:
https://efcog.org/procurement-engineering-task-group/

Robin Dillman (SRS), Chair

Jessica Yockers (SNL), Vice Chair

John Verderber (WRPS), Secretary

Policy and Procedures

Policy & Procedures Charter

Charter Statement

- The Policy and Procedures (P&P) Task Group facilitates success of the Energy Facility Contractors Group (EFCOG) and its members by identifying and examining current issues and challenges facing the DOE complex—providing guidance and tools for programmatic corrections and improvement.
- The group focuses on program-level quality topics such as quality culture development, trending and measurement of quality, and updates to complex-wide requirements. The group will deliver tools (e.g., crosswalks, templates), white papers, and best practices; collaborating with other QA task groups on applicable P&P projects to better target specific needs and increase value added.

Recently Completed Projects

- E-SG-QA-PAP-2021-01, Guidance on Implementing a Graded Approach Applying ASME NQA-1-2017 & DOE-STD-1027-92, March 4, 2021

- E-SG-QA-PAP-2021-02, Best Practices for Quality Assurance Measures and Methods – Guidance Document, March 4, 2021

Policy & Procedures FY22 Goals

Activity	Benefits	Deliverable/Milestone
4.0 Quality Assurance (QA) Subgroup		
Policy and Procedures (P&P) Task Team		
QA-P&P-22-01 **Guide for EFCOG White Paper Development and Release**	Create a guide for the various EFCOG groups for the development, approval, and release/posting process for White Papers. Currently no guidance exists on the topic and neither the process nor expectations are described, including points of contact, etc.	Issue Guide by TBD
QA-P&P-22-02 **Guide/PowerPoint for new QA EFCOG members**	Create a guide/PowerPoint for new (or potential) participants of the QA subgroup, introducing them to EFCOG in general and more specifically the QA subgroup. The guide will describe each QA task group and their topics and activities of focus, providing examples of previously delivered tasks. The goal is to give a sense of each group and help them decide which, if any, would be most beneficial. Additionally, the guide will describe the semi-annual meeting and let them know what to expect, the structure of the event, and opportunities for involvement.	Issue Guide by TBD
QA-P&P-22-03 **Best Practices for QA Metrics and Methods**	Determine set of effective QA metrics and methods (e.g., data collection) applicable to the various facilities across the DOE complex, e.g., laboratory vs. nuclear. Focus will be on developing metrics and providing guidance on their collection, use/trending, and applicability (specific to facility type). Will additionally attempt to determine leading indicators which are particularly lacking at most sites.	Issue Best Practice by TBD

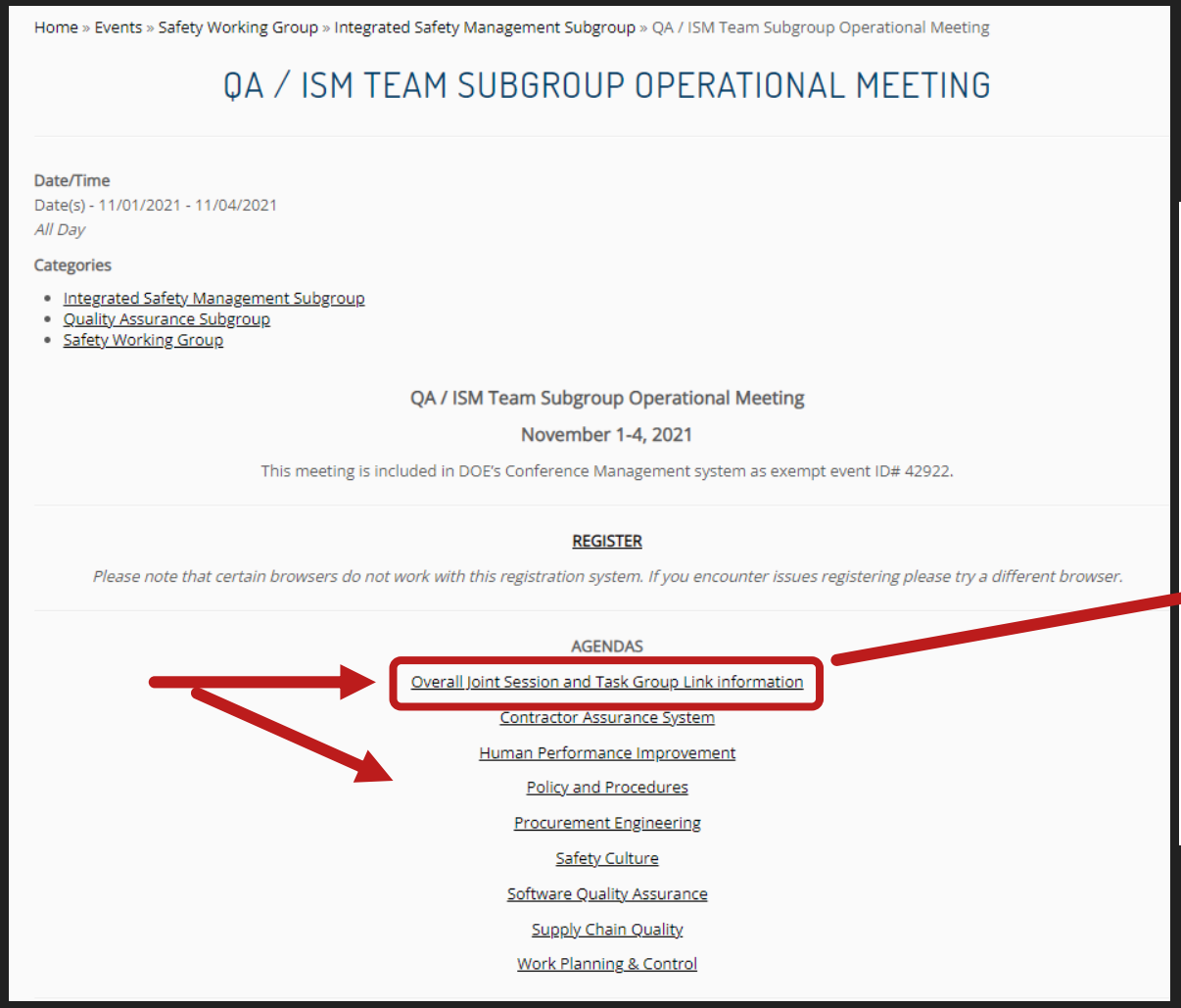
Wrap up and Adjourn - Choices

- So Much to Choose From – So Little Time
  - Procurement Engineering Quality
  - QA Policies & Procedures
  - Software QA
  - Supply Chain Quality
  - Contractor Assurance
  - Work Planning & Control
  - Safety Culture
  - Human Performance Improvement
- Whatever You Choose – You Will Not Go Wrong
- Sample as Much as You Can and Participate

- Any Questions?

Questions??

Wrap up and Adjourn



Home » Events » Safety Working Group » Integrated Safety Management Subgroup » QA / ISM Team Subgroup Operational Meeting

QA / ISM TEAM SUBGROUP OPERATIONAL MEETING

Date/Time

Date(s) - 11/01/2021 - 11/04/2021

All Day

Categories

- Integrated Safety Management Subgroup
- Quality Assurance Subgroup
- Safety Working Group

QA / ISM Team Subgroup Operational Meeting

November 1-4, 2021

This meeting is included in DOE's Conference Management system as exempt event ID# 42922.

REGISTER

Please note that certain browsers do not work with this registration system. If you encounter issues registering please try a different browser.

AGENDAS

Overall Joint Session and Task Group Link information

Contractor Assurance System

Human Performance Improvement

Policy and Procedures

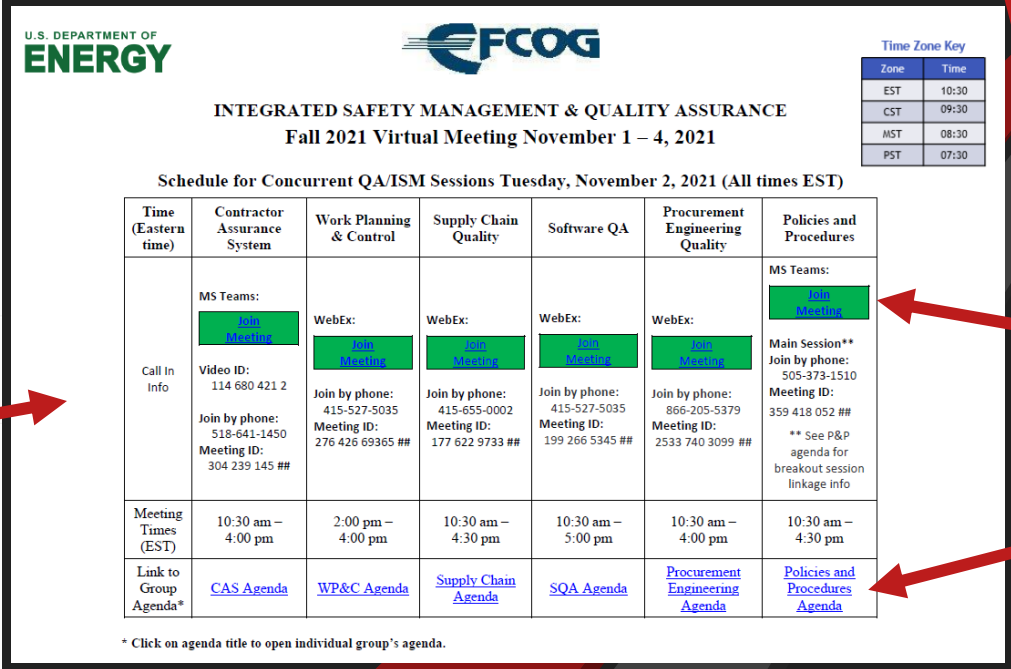
Procurement Engineering

Safety Culture

Software Quality Assurance

Supply Chain Quality

Work Planning & Control



U.S. DEPARTMENT OF ENERGY

EFCOG

Time Zone Key

Zone	Time
EST	10:30
CST	09:30
MST	08:30
PST	07:30

INTEGRATED SAFETY MANAGEMENT & QUALITY ASSURANCE
Fall 2021 Virtual Meeting November 1 – 4, 2021

Schedule for Concurrent QA/ISM Sessions Tuesday, November 2, 2021 (All times EST)

Time (Eastern time)	Contractor Assurance System	Work Planning & Control	Supply Chain Quality	Software QA	Procurement Engineering Quality	Policies and Procedures
Call In Info	MS Teams: Join Meeting Video ID: 114 680 421 2 Join by phone: 518-641-1450 Meeting ID: 304 239 145 ##	WebEx: Join Meeting Join by phone: 415-527-5035 Meeting ID: 276 426 69365 ##	WebEx: Join Meeting Join by phone: 415-655-0002 Meeting ID: 177 622 9733 ##	WebEx: Join Meeting Join by phone: 415-527-5035 Meeting ID: 199 266 5345 ##	WebEx: Join Meeting Join by phone: 866-205-5379 Meeting ID: 2533 740 3099 ##	MS Teams: Join Meeting Main Session** Join by phone: 505-373-1510 Meeting ID: 359 418 052 ## ** See P&P agenda for breakout session linkage info
Meeting Times (EST)	10:30 am – 4:00 pm	2:00 pm – 4:00 pm	10:30 am – 4:30 pm	10:30 am – 5:00 pm	10:30 am – 4:00 pm	10:30 am – 4:30 pm
Link to Group Agenda*	CAS Agenda	WP&C Agenda	Supply Chain Agenda	SQA Agenda	Procurement Engineering Agenda	Policies and Procedures Agenda

* Click on agenda title to open individual group's agenda.