Quality Management System Expert Committee (QMS) Meeting Summary

July 31, 2023

1. Roll Call:

Debbie Bond, Chair, called the meeting to order at 1pm Central in Minneapolis, MN on July 31, 2023. Voting members present: Debbie Bond, Michael Demarias, Tony Francis, Nick Slawson, Amy Schreader, Nicole Cairns, Earl Hansen, Zaneta Popovska and Kathi Gumpper.

Debbie prepared a presentation she will be referring to throughout the meeting. It is included in Attachment A.

2. Definitions Workgroup

See slides in Attachment A.

3. Year in Review

Sees slides in Attachment A.

Technical Specialist

- Facility is not geared towards people qualified to be a Technical Specialist. If he leaves, there is no one that can fill this role. Nuclear power plant.
- Seems like there are a lot of different things required in different modules. Debbie each technical area decided what was important.
- What if you start a new Radiochemistry lab? Can you add more than one technology per year?
- Training could come from the vendors.
- Has DW looked at this? Jerry Dan and Jennifer have been in meetings where these concepts have been discussed.
- Paul Junio CSDP EC if not caught use "annually" instead. Not to exceed 13 months.

The remaining slides were reviewed.

4. Technologies

Technologies were discussed in San Antonio. The group has not met yet. It is being lead by CSDP.

5. Definitions Workgroup Update

See Attachment A. Paul Junio presented the definitions on the slides. The following comments were received.

- Duplicates. Depends on purpose of the duplicate. To meet method criteria vs. pulling duplicate samples? May be a lab specific thing.
- Lab duplicate could be two different people.
- Duplicate is a measurement of precision. A lab thinks adding the term laboratory duplicate confuses thing. Other labs agreed.
- Why are the same personnel important? A duplicate of a sample.
- Used to say specifically that a procedure had to be written or not. If you use this definition, you need to check the whole standard. Paul The group did go through the whole standard.
- AB List of things you don't need written procedures for.
- Annual and yearly meen different things.
- Bob Wyeth be careful about moving some of these definitions.
- Trainer Field duplicate should be treated as just another sample.
- Field duplicate as written could cause a problem.
- Under identical conditions should be added.
- ISO 17025 does not require all written procedure. ISO uses procedure differently than what it looks like .
- Need to make sure we are using terms correctly.

Debbie will work on a list where "procedure is.

- They started using video for procedures. How does this translate.

- Written procedures need to be in a controlled document.
- ddShe has SOPs and work instructions. Everything has to be written down.
- Duplicate thinking about Micro analyzed in the same batch have to run at same time and with same person.
- There are field replicates. The definition for replicates is a problem.
- Look at USGS language for replicate samples.
- Why are we defining these? Could be confusing.
- No definition for duplicate that she and Paul could define.
- Jerry same or similar objects. Measure repeatability. ISO Guide 99 VIM.

Paul thinks they should be cleared - remove sample duplicate or replicate.

6. Language Workgroup

See Attachment A. Nick Slawson presented the slides. The following comments were received.

Internal Audit Language

Nick emphasized it is proposed language.

Module 1 and 3-7. Typo. Include Module 1

- Should it be annually instead of 12 months.
- No other comments.

Technical Records

- Bob Wyeth If a lab is required to reconstruct data would that mean the 5 years starts over?
- She is more in favor of last entry. There could be exception. This makes it easier to assess. Example DOCs keep longer. Validations kept longer. Hates to see labs spend time on developing a way to do "last use". It was mentioned that really old DOCs may be out of date technically should they really be kept that long? Traceability on supplies.
- Training records would be tough. Some records may not exist for older employees.

- This is a burden. What question are you trying to solve? Require that chemical logs be maintained instead of what you are proposing.
- Hybrid between the two and what last use intent really is.
- Jerry questioned whether this is even needed. Some labs just shut down and you can't find the lab. Lab goes out of business or burns down.
- It's not the labs data ... it is the clients'.
- Clients don't care about old data.
- Data to a customer is the report they have in hand. Not sure this is helpful.
- There is a big difference between transfer and closing of a laboratory. Needs to be looked at differently.
- It doesn't say you have to have the records, you have to have a plan.
- Get rid of "for the labs"
- All states are a little different. Some require that you tell them about data that is being destroyed.
- Keep it simple.
- 7. Supplies and Services

The Consumables Task Force is working on guidance for purchasing supplies and services.

Debbie presented the slides in Attachment A and then gathered comments:

- Legally defensible is an oxymoron.
- Traceability has to do with the supplies.
- Help labs understand the services that are critical to performing the service. Not looking at criteria for purity of the supply.
- Trying to simplify things. Labs are asked for lots of traceability documents. Need to identify which supplies are critical to the result . To know what documentation you really have. Focus on critical supplies. Need to figure out what is critical.
- Asked that it not go into the Standard. It would be difficult to implement. Start with guidance and then build it up in stages.

- It becomes crtical if I can't pass QC.
- 4-5 years ago 2 vendors BoD and Micro. The problems wouldn't have been caught in QC. Develop guidance or a Standard for suppliers. We could accredit suppliers to this Standard.
- Change limits to values on Certificate.
- Jerry This does not belong in Module 2.
- Requiring this could be a problem if you only have one supplier and they won't do this.
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- Maybe this is a training opportunity. Look at it from that stand point



4	QMS COMMITTEE		
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	Member	Organization	Representation
	Stephanie Atkins	Pace Analytical	Lab
	Nicole Cairns	NYSDOH	Lab
	Michael Desmarais	SVL Analytical	Lab
	Tony Francis	SAW Environmental	Other
	Earl Hansen	Retired	Other
	Ashley Larssen	KC Water	Lab
	Jenna Majchrzak	NJ DEP	AB
	Carla McCord	Virginia	AB
	Zaneta Popovska	ANAB	AB
	Amy Schreader	UC Laboratory	Lab
	Nicholas Slawson	A2LA	AB









• Rearranged TS qualifications to match up with Modules

TECHNICAL SPECIALIST Asbestos (Module 3) · Specified "scientific discipline" for earned degree or coursework Changed "under supervision" to "with experienced analyst available" For phase contrast microscope, specified NIOSH 582 course

- Chemical Testing (Module 4)
 - Specified "chemical engineering" instead of "engineering" for earned degree • Removed credit hour options
 - For inorganic, non-metals, 1 year of experience instead of 2; and masters/doctorate can substitute for 6 months experience

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SUPPLIES AND SERVICES Consumables Task Force is working on guidance for purchasing supplies and services Definition requested: Critical Supplies and Services - A supply, product, or service that affects the result, therefore requiring traceability and verification to ensure data that is method compliant, legally defensible, and of known documented quality. Additional requirements around records for purchased critical supplies and services could also help. Proposed requirements for chemicals and for services based on ISO Guide 31, but limited to minimum to support lab traceability and defensibility



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