**NSC Technical Subcommittee Call Minutes – June 21, 2016**

**Zoom meeting (graphical interactive presentation):** <https://ksu.zoom.us/j/7854529456>

Tech-Subcommittee: <https://nationalsbeap.org/sbeap/resources/subcommittees/technical>

**Participation [by regions]:**

1: Sara Johnson – NH

2: Edward Bakos – NJ & Harry Ching – NY

3: Lee Ann Briggs, Jeremy Hancher, Carrie Wintersteen, and Nancy Herb – PA

4: John Yntema & Mary Talukder – GA; Phyllis Copeland – SC; and Donavan Grimwood - TN

5: Aneka Swanson, Hien Le & Mike Nelson – MN; Lisa Ashenbrenner, Renee Bashel & Jennifer Hamill - WI; Todd Nein – OH; and Tammy Haug & Mark Stoddard - IN

6: Sandy Spon – NM and Dianne Wilkins - OK

7: Barb Goode and Larey Sadiq – KS

8: Elizabeth Sapio - CO

9: Jenna Latt – CA and Genevieve Salmonson – HI

**Approval of April minutes:** approved as is.

**Maximize Paint Spray Gun Efficiency while Reducing Waste**

Synopsis of presentation by Barry Thomas, President, Becca

BThomas@BeccaInc.com

**Considerations:** increasing productivity and reducing inefficiency, decreasing exposure, improving the quality of the finish, reducing rework and saving money.

**Spray gun components:** Air cap & ports, fluid tip & nozzle, fluid needle & packing, trigger & air piston, fan control knob.

**Improper cleaning:** Slow degradation in transfer efficiency that may go unnoticed; as much as 20% reduction

**Preparing spray gun for use:** test patterns; consistency of the pattern

**Spray gun cleaning**

1. Applying solvent to a gun above an open funnel to the hazardous waste drum; solvent vapor exposure
2. Gun cleaning systems
	1. Manual/automatic – some mechanical cleaning still required, most use manual process even if they have automatic system, some system maintenance required
	2. Manual – mechanical action (flow brush); potential for material to build up at air cap and fluid tip
3. Water cleaning system may contain as much as 50% of an aqueous soluble solvent
4. Cleaning frequency
	1. Short term break (i.e., lunch break): Quick clean
	2. After a job: Complete clean which may require some disassembly of the gun
5. Extended immersion of gun in solvent may damage seals in the gun

**Reducing waste**

* + - 1. Distillation: more expensive and more efficient in reclaiming spent solvent
			2. Filtration: less expensive and less efficient
			3. Return on investment: dependent on waste disposal and solvent costs for your area, typically about a year

Barry welcomes any follow-up questions from this presentation of which a copy will be made available.

**Technical Subcommittee web page on National SBEAP website**

* Nancy Larson would like the subcommittee’s thoughts on archiving minutes, how to feature rules
* Open for ideas on improving Environmental Compliance page “Rules and Tools” section
* Example compliance calendars now available
* Looking for more people to join Website Subcommittee – second Thursday every other month starting in August, 3:00 eastern
* Recordings from National Training sessions available – links in agenda

**Potential Future Topics**

* Ozone NAAQS
* Compliance assistance web sites – **July 2016**
* Promoting/conducting confidential compliance assistance visits – **September 2016**
* **Coating manufacturers:** sharing information to help users with environmental determinations
* How to read the Federal Register
* How states handle potential to emit
* Other ideas?

**Next Call:**

July 19, 2016

2-3pm EST (3rd Tuesday of month)

Minutes prepared by Lisa Ashenbrenner Hunt – WI (lisa.ashenbrennerhunt@wisconsin.gov) and Mark Stoddard – IN (MSTODDAR@idem.IN.gov), Technical Subcommittee Co-Chairs.