# NSC Technical Subcommittee Call Minutes – August 15, 2023

**Participation [by region]:**

3: Samantha Harmon, Carrie Wintersteen, Lee Ann Briggs & Jeremy Hancher – **PA** and Olivia Achuko - **DC**

4: Donovan Grimwood – **TN**; Jessica Dalton – **FL**; Sherry Waldron – **GA** and Tony Pendola - **NC**

5: Kaitlyn Devries – **MI**; Samantha Connolly, Emily Ohde & Jennifer Theodore – **MN**;Lisa Ashenbrenner-Hunt, Jennifer Feyerherm & Renee Bashel - **WI** and Mark Stoddard – **IN**

7: Leena Divakar & Allison Crowther – **KS**; Christine Paulson, Jennifer Wittenburg, Jason Clay & Jordan Burrows - **IA** and Bob Randolph - **MO**

8: Michael Gustafson – **MT**

9: Sydney Boogaard - **AZ**

**EPA:** Chuck Buckler, Rhonda Wright, and Madeleine Strum

**EPA intern:** Zane Carroll

**Presenters:** Marc Houyoux and Paula Hirtz, US EPA OAQPS

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| **Tech-Subcommittee:** <https://nationalsbeap.org/sbeap/resources/subcommittees/technical>  ***\*\* This presentation was recorded and will be posted on the National SBEAP YouTube channel at*** <https://www.youtube.com/channel/UC5PupYpZ1W6IG8CtzCINK8Q> ***\*\****  **Overview of the AERR (Air Emissions Reporting Rule) Proposal**  Marc Houyoux, US EPA OAQPS  Marc will provide a ten-to-fifteen minute overview of the status of the AERR proposal. It will be soon open for public comment in September.  **Summary of the Auto & Light Duty Truck NSPS and its Harmonization with the NESHAP**  Paula Hirtz, US EPA OAQPS (Office of Air Quality Planning & Standards)  Paula will summarize a presentation made to the A&WMA (Air and Waste Management Association) earlier this year regarding Automobile and Light-Duty Truck Surface Coating Operations: New Source Performance Standards (40 CFR 60 Subpart MM) which was recently finalized and its harmonization with the NESHAP (National Emission Standards for Hazardous Air Pollutants) (40 CFR 63, Part IIII).  Paula’s presentation included a six-minute excerpt from <https://www.youtube.com/watch?v=lJfA3nrf0mI> (12:23 total time)  **Presentation topics include:**   1. Auto Assembly Plant Operations and Emission Sources 2. Paint Shop Surface Coating Operations 3. Federal Guidance and Standards for Auto and Light Duty Truck (ALDT) Surface Coating Operations 4. Links to CAA and EPA Surface Coating Rules and Publications   **Bios**  **Marc Houyoux**  US EPA OAQPS AQAD  Emissions Inventory & Analysis Group  Group Leader  [Houyoux.Marc@epa.gov](mailto:Houyoux.Marc@epa.gov)  (919) 541-3649  Since 2010, Marc Houyoux has served as Group Leader.  Marc is responsible for the development and publication of the National Emissions Inventory (NEI) and its use in air quality modeling.  Currently, Marc is leading revisions to the Air Emissions Reporting Requirements.  Prior to working for the EPA, Marc was a Principal Investigator at the University of North Carolina Institute for the Environment and at MCNC, where he was the lead developer for the SMOKE emissions model.  Marc’s background is in **Chemical Engineering** from Lehigh University and Environmental Science and Engineering from UNC-Chapel Hill.  **Paula Hirtz**  US EPA  OAQPS  [Hirtz.Paula@epa.gov](mailto:Hirtz.Paula@epa.gov)  Paula Hirtz is a regulatory lead in the US EPA OAQPS with 20 years of experience supporting policy and regulatory development of CAA Section 112 NESHAP and Section 111 NSPS for various industry sectors.  The sectors include industries affected by surface coating regulations including:   1. Automotive and Light Duty Truck Surface Coating Operations NSPS (40 CFR 60 subparts MM and MMa), 2. Surface Coating of Metal Cans NESHAP (40 CFR 63 subpart KKKK), 3. Surface Coating of Metal Coil NESHAP (40 CFR 63 subpart SSSS), and 4. Printing, Coating and Dyeing of Fabrics and Other Textiles NESHAP (40 CFR 63 subpart OOOO).   Prior to US EPA, Ms Hirtz worked in the automotive industry for 10 years as a process engineer supporting surface coating operations.  Ms HIrtz earned a BS in **Chemical Engineering** from Pennsylvania State University and an MS in Manufacturing Management from General Motors Engineering and Management Institute.    **Chat questions addressed:**  **Jeremy Hancher:** Can you elaborate on what the two definitions for small businesses might be?  **Jenn Theodore:** Have you identified which industries are likely to be affected, for small businesses?  **Sherry Waldron:** Is the transfer efficiency a per-gun requirement? Or a type of gun? And was there a lot of work that indicated the transfer efficiencies would vary a lot?  **Tony Pendola:** How does one get an innovative technology waiver? Are those available for NESHAPs as well? It seems that robot welding is so much more precise and efficient that it would have low emissions.  **Future topics:**   * **September 19:** An Overview of ‘PFAS in the Metal Plating and Finishing Industry,’ December 2022, Maya Gilchrist, MPCA * **October 17:** ECHO Notify & Climate and the Economic Justice Screening Tool, Tony Pendola, NC & Leena Divakar, KSU * **November 21 or possible October 17:** Solar Panel Recycling, Donovan Grimwood, TN * **December 19:** TBD – possibly cancel due to the holidays. * **January 16, 2024**   **Next Call: September 19, 2023**  1 pm CDT (2 pm EDT) (3rd Tuesday of month) |