

TC 2.3 Research Summary Table

Stage	#	TC	CO TC	Title	Update	Completion Status	Researcher	PMC / PES	Champion
RP	1557	2.3	-	Evaluation Lab Comparison of Relative Performance of Gas Phase Filtration Media at High and Low Challenge Concentrations	Sep-2013 - Final Report Completed - Final Report Accepted by TC 2.3 Oct-2013	Closed Out 10/23/2013	Syracuse University, Jensen Zhang	Matt Middlebrooks (chair), Bill Lull, Nick Agopian, and Paolo Tronville	Matt Middlebrooks
RP	1457	2.3	-	By-product Production from Photocatalytic Oxidation Associated with Indoor Air cleaning Devices	23-June-2014 - Draft final report submitted to PMS Jan 2014 - PMC comments sent to PI Apr-Jun 2014 - PI is working on revisions as of June 27 2014	Unknown	University of Wisconsin, Marc Anderson	Kathleen Owen (Chair), Gemma Kerr, Matt Middlebrooks, Marilyn Listvan, Charlene Bayer	Kathleen Owen
WS	1720	2.3	SSPC 62.1 SSPC 145	Validation of Gas-Phase Air-Cleaner Performance Test Method (Standard 145.2) by Laboratory Testing of Commercially Available Filtration Devices	27-June-2014 - RTAR accepted on 1st try - WG to meet in Seattle to finish writing WS - Possible cosponsorship - 62.1 Nov-2013 - RAC accepted RTAR into WS on 1st try	1-May-2014	-	Gemma Kerr, Charlene Bayer, Dave Choinowski, Matt Middlebrooks	Gemma Kerr
2.3 Project	-	2.3	-	Field Service Life of Typical Gas-Phase Air Cleaning Technologies	June-2014 - no further additions were made Jan-2014 - 50 rows were filled in - distributed to manufacturers for further work on filling in. 23-June-2013 - spreadsheet was refined, ~10 rows filled in with data - Need to fill in more options for Application Site and Application Category - Need to distribute to filter manufacturers and Bill Lull to attempt to fill in 20-50 rows each before next meeting.	Winter 2014	-	Bill Lull, Brad Stanley, Paula Levasseur, Ashish Mathur, and Marilyn Listvan	Brad Stanley
Potential	-	2.3	-	Remaining Life Analysis Test Method for Gas-Phase Medias	27-June-2014 - Discussion in NY led to decision to work on multiple RTARs with WG formed to start the process	-	-	Ashish Mathur, Matt Middlebrooks, Paula Levasseur, Brad Stanley	Ashish Mathur
WS	1579	2.3	?	Testing and Evaluation of Ozone Filters for Improving IAQ	June-2014 - EHC's 1491 Project Report was given at last meeting providing little to no information for use in 1579 selection of filters. WS needs to move forward. 23-June-2013 - ASHRAE has approved allowing 1579 to stay on hold until completion of 1491 by EHC - 1491 will evaluate which filter types may be economical for ozone removal in commercial buildings. 1579 will use this information to determine which filter types to test. - 1491 estimated completion date is 28-Feb-2014	On Hold	-	Nick Agopian (PES chair), Bill Lull, Afzal Rahmathullah, Ashish Mathur, and Gemma Kerr	Bill Lull
Potential	-	62.2	2.3	Residential IAQ	23-June-2013 - Wenhao Chen developed a progress report summarize possible areas of work - Wenhao Chen is seeking volunteers from 2.3 to join with her on this project	beginning	-	Wenhao Chern, Stephanie Mason	Stephani Mason
RTAR	-	62.2	2.3	Air Emissions from Unvented Combustion Devices and Indoor Air Quality	23-June-2013 - Research committee felt to cosponsor this topic with 62.2 - RTAR is currently under construction	Unknown	-	Ted A. Williams, Stephanie Mason	Ted A. Williams
RP	1491	EHC		Literature and Product Review and Cost Benefit Analysis of Commercially Available Ozone Air Cleaning for HVAC Systems	23-June-2013 - EHC is progressing forward, no data has been shared with TC 2.3 - EHC expects to complete in 2 years	Summer 2015	University of Texas	Richard Corsi (EHC), Hal Levin (EHC)	EHC
WS	1614	5.10	? 2.3	Evaluation of Effectiveness of UV Systems [for the abatement of grease and fuel potential from commercial kitchen exhaust systems]	23-June-2013 - Brian Krafthefer is TC 2.3's representative involved with this project	?	?	Russ Robison (5.10)	Russ Robison (5.10)
RTAR		2.3		Cost of Ownership—ventilation vs IAQ—	28-Jan-2013 -on hold	tabled	-	Paula Levasseur with Nick, Jeff, Paolo	Paula
RTAR		2.3		Evaluating air cleaner technologies/devices for treating formaldehyde	28-Jan-2013 -needs champion	tabled	-	Jeff, Chang Seo Lee, Bill Lull, Paula Levasseur, Gemma Kerr	Jeff
RTAR	1625	2.3		Application of Indoor Air Quality Procedure	28-Jan-2013 -on hold	Removed	-	Charlene Bayer, Nick Agopian, Paolo Tronville	Charlene Bayer
RTAR		2.3		Sorbents as Air Cleaners	dropped	Removed	-	Matt Middlebrooks, Nick Agopian, Deepak Barney, Charlene, and Paula (looking for cofunding)	Matt Middlebrooks
RTAR		2.3		Conduct a demo of the IAQP in a highly monitored and high-profile facility	dropped	Removed	-		

?Need Vote to Cosponsor

Research Chair: Kathleen Owen
 Research Liason: Harvey Sachs