

TC 2.3 Research Summary Table

Stage	#	TC	CO TC	Title	Update	Completion Status	Researcher	PMC / PES	Champion
RP	1457	2.3	-	By-product Production from Photocatalytic Oxidation Associated with Indoor Air cleaning Devices	24-Jan-2015 - awaiting a final report (draft is in hand). It is not clear if Univ of Wi will provide final draft.	Active	University of Wisconsin, Marc Anderson	Kathleen Owen (Chair), Gemma Kerr, Matt Middlebrooks, Marilyn Listvan, Charlene Bayer	Kathleen Owen
WS	1579	2.3	?	Testing and Evaluation of Ozone Filters for Improving IAQ	24-Jan-2015 - RP-1491 has been completed. - WS-1579 Team is working to complete the WS. Need to fill in the list of product properties to include in ozone filter testing. - Chair desires to replace the small list of possible ozone filtration products from RP-1491 with a broader list so that ASHRAE engineers can have a more complete view of products compared to claims.	Active	-	Bill Lull (PES Chair), Ashish Mathur, Gemma Kerr, Dave Chojnowski, Michael Sexsmith	Bill Lull
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	25-Jan-2015 - WS is well underway to completion. - Estimate submission to Harvey Sachs for review and to RAC before the next meeting. - will not be using O3 for this project	Active	-	Gemma Kerr, Charlene Bayer, Dave Choinowski, Matt Middlebrooks	Gemma Kerr
WS	1755	9.9	2.3	Impact of Gaseous Contamination and High Humidity on the Reliable Operation of Information Technology Equipment in Data Centers	24-Jan-2015 - TC 9.9 and TC 2.3 voted on this RTAR between Seattle and Chicago. It was approved and given the # WS-1755	Active	-	TC 9.9 Members & Chris Muller from TC 2.3	Jing Zhang, IBM
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]	25-Jan-2015 - WS is being completed with revisions from RAC, to be sent to RAC before next meeting. - need to find out if 2.3 is definitely a cosponsor	?	?	Russ Robison (5.10) & Brian Krafthefer is volunteered to be on the PMC	Russ Robison (5.10)
RTAR	1625	2.3	? 62.1	Application of Indoor Air Quality Procedure	June 2014 - Committee would like to resubmit the RTAR	Active (resubmit)	-	Charlene Bayer, Nick Agopian, Paolo Tronville	Charlene Bayer
RTAR Potential	-	2.3	? SSPC 62.1 ? EHC	Demand-based air-cleaner operation to save energy.	25-Jan-2015 - Brian and Jensen are working to produce the RTAR between meetings	Drafting	-	Brian Krafthefer, Jensen Zhang	Brian Krafthefer
Potential	-	2.3	-	Remaining Life Analysis Test Method for Gas-Phase Medias	27-June-2014 - Working group received guidance from committee to proceed writing an RTAR for low cost methods for various media.	Drafting	-	Ashish Mathur, Matt Middlebrooks, Paula Levasseur, Brad Stanley	Ashish Mathur
RTAR Potential	-	2.3	? 2.1 ? EHC ? 62.1	Bio-effluent Emission Rates to Assist with the IAQ Procedure Calculations	25-Jan-2015 - Chang Seo working further	Evaluating	-	-	Chang-Seo Lee
RTAR Potential	-	2.3	?EHC	Effect of Filtration on Health	June 2014 Currently little data for particulate filters and none on gaseous. Charlene will champion. This is on the EHC priority list.	Evaluating	-	-	Charlene Bayer
RTAR Potential	-	2.3	? SSPC 145 ? SSPC 62.1	Testing Method Development for Energized Air Cleaners	June 2014 Need to develop a performance test method and test a variety of commercially-available ionization devices. Charlie Waddell will champion.	Evaluating	-	Charlie Waddell, Dean Tompkins, Kathleen Owen, Scott Sherwood, Chang Seo Lee	Scott Sherwood
RTAR	TBD	62.2	?	Air Emissions from Unvented Combustion Devices and Indoor Air Quality	-	Drafting	-	Ted A. Williams, Stephanie Mason	Ted A. Williams
RTAR Potential	-	5.5	? 2.3	Determination of the Exhaust air Contaminant Transfer Ratios (ECTR) ... while using ... air-to-air energy recovery ventilation (ERV) devices ...	June-2014 - TC 2.3 Evaluating participation	on-hold	-	-	Nick Agopian
RTAR Potential	-	2.3	-	Field Service Life of Typical Gas-Phase Air Cleaning Technologies	25-Jan-2015 - Brad Stanley has pulled together ~ 50 rows of data on field life of systems. - The committee is evaluating what to do further on this.	on-hold	-	Bill Lull, Brad Stanley, Paula Levasseur, Ashish Mathur, and Marilyn Listvan	Brad Stanley
RTAR Potential	-	2.3	-	Using Specially Treated Textiles to Reduce Odors	June 2014 New topic area: this is being done but no performance verification to date. Arsen Melikov will champion	Evaluating	-	-	Arsen Melikov
RP	1491	EHC	2.3 Following (not cosponsor)	Literature and Product Review and Cost Benefit Analysis of Commercially Available Ozone Air Cleaning for HVAC Systems	25-Jan-2015 - RP has been sent to ASHRAE	Complete	University of Texas	Richard Corsi (EHC), Hal Levin (EHC)	EHC
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	Completed 10/23/2013	Syracuse University, Jensen Zhang	Matt Middlebrooks (chair), Bill Lull, Nick Agopian, and Paolo Tronville	Matt Middlebrooks