



DON THORNBURG

Air Filtration R&D

**Product & Analysis Tools; ASHRAE Filter Applications;
In-situ Testing
Riverdale, New Jersey**

Don holds the position of Research & Development Manager for Camfil Farr. He has over twenty-six years engineering experience designing HVAC systems and filtration solutions for a broad range of commercial and industrial applications. Don has dedicated the past twelve years of his career to Camfil Farr in a research and development capacity designing air filter products and innovative filter testing equipment. Prior to Camfil Farr, Don held the positions of facilities engineer for United Telephone (Sprint), engineering manager for Flanders Filters, and director of engineering for Viskon-Aire. His current responsibilities include directing and fulfilling Camfil Farr's North American R&D commitments with specialized focus in In-situ testing. Don is also the lead resource in directing the development and the ongoing system improvements to Camfil Farr's proprietary filter Life-Cycle Cost (LCC) Analysis software tool.

Don is recognized for his diligence and dedication in leading multiple ASHRAE efforts forming and executing regulatory standards established for the HVAC industry. Since 1992 to present, he has been a voting member of ASHRAE SSPC 52.2 and currently serves as committee chairman. For the past seven years, Don has been a voting member of ASHRAE's 52.1 Dust Spot Efficiency Test Method Standard and the past four years chairing the ASHRAE TC 2.4 Particulate Filtration Standards subcommittee. In 2005, he was the appointed Chair for ASHRAE's GPC 26 In-situ Testing of Air Filtration Devices Standard. Don has also served in directing ISO initiatives since 2005, holding the roles of secretary for ISO TC 142, Working Group 3, project lead for the In-situ work item, a U.S. TC 142 delegation member, and currently vice-chair of the U.S. TAG.

Don has a Bachelor of Science Degree in Mechanical Engineering Chemistry from North Carolina State University. He is an active member of the Camfil Farr North American S&P (Sales & Product) Committee. Don is also a recognized published author on the topics of filter testing, IAQ control, LCC analysis, In-situ testing, filter energy usage, and field test data and the various laboratory conditioning methods.

HIGHLIGHTS

Credentials:

- BS Mechanical Engineering, North Carolina State University, Raleigh, NC

Experience:

- 26 years diverse experience engineering HVAC systems and filtration solutions for commercial and industrial applications
- Published author of eleven papers/presentations on industry topics related to filter testing, IAQ control, LCC analysis, In-situ testing, filter energy usage, and field test data and the various laboratory conditioning methods

Accomplishments:

- Successfully directed the research, development, and institution of Camfil Farr's industry-recognized, Energy Cost Index (ECI) program – a filter comparison index that identifies highest quality filters with lowest cost of ownership
- Chaired the initiation of ASHRAE's 52.2-2007 consensus test standard – *Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size*
- Directed the development Camfil Farr's S.A.V.E.R. – the first automated data collection tool for verifying filter performance and identifying energy reduction opportunities