

Filter Analysis

OVERVIEW

Contamination is one of the most common causes of propulsion system failure. This class is a practical class that teaches students how to do filter capacity analysis.

LEARNING OBJECTIVES

By the end of this course participants will be able to:

- Understand filter ratings
- Understand cleanliness levels
- Understand the IEST-STD-CC1246 standard
- Have a tool to analyze filter capacity

WHO IS THIS FOR?

All space propulsion professionals who want to be conversant with filter analysis.

INSTRUCTORS

Eric Cardiff is the founder of Virtucon Earth and Space, LLC, and former chief engineer for propulsion at NASA Goddard Space Flight Center. He received his Ph.D. in propellants from Penn State University in 2002, and has over 20 years of experience in design, build, test, and flight of spacecraft propulsion systems. Dr. Cardiff has worked on multiple high-profile mishap investigations and spacecraft anomalies, and has expertise in propellant handling. He has also contributed to the development of both ASCENT and HyperFlex propellants and propulsion systems.

COURSE FEES

\$300 per person for local onsite training

HOURS

Classroom Hours: 2 classroom hours