

Aviation Fuel Standards, Quality Control & HSE Training

Montreal, Canada
May 12-15, 2025
IATA Head Office

This course will provide participants with an overview of aviation fuel at airports, looking at the latest industry standards and recommended practices within tank farm and into-plane operations. The training will also touch on the Health and Safety as well as environmental impacts and mitigation involved in such operations.

Who Should Attend?

**Aviation Fuel Managers and Supervisors
Quality Control Managers
Tank Farm Operators
Hydrant System Operators
Into-Plane Service Providers
Airline Fuel Auditors**



Day 1 (9:00 AM – 4:00 PM)

Introduction to Aviation Fuel

- Aviation fuel types
- Fuel quality and standards
- Regulatory framework and standards
- Fuel specifications and requirements
- Key industry organizations
- Quality control and assurance
- Sampling
- Laboratory analysis
- Interpretation of test results
- Case studies and real-life examples

Day 2 (9:00 AM – 4:00 PM)

Aviation Fuel Handling, Storage, and Distribution

- Fuel handling and storage
- Fuel storage tank design and maintenance
- Microbiological testing
- Fuel filtration
- Procedures for fuel transfer
- Emergency response for fuel spills
- Environmental considerations
- JIG lessons learned from others

Day 3 (9:00 AM – 4:00 PM)

Health, Safety, and Environment (HSE)

- HSE management systems
- Risk assessment and hazard identification
- Personal protective equipment (PPE)
- Safe operating procedures
- Emergency preparedness and response planning
- Regulatory compliance and reporting requirements for HSE

Day 4 (9:00 AM – 4:00 PM)

Field Visit

- Montreal airport tank farm visit (AM)
- Fuel test Laboratory visit (PM)

