



## Fuel Quality Control Training (Intermediate)

### Introduction

This intermediate course is designed for professionals who already possess a basic understanding of aviation fuel quality control but are looking to deepen their knowledge. The training expands on foundational topics by focusing on the operational aspects of fuel storage, filtration, and into-plane refueling procedures. Participants will gain hands-on experience and more technical insight into quality control systems, positioning them to handle day-to-day challenges in aviation fuel management with greater competence.

### Course Objectives

1. Gain an in-depth understanding of the aviation fuel quality control process, both from in the classroom, and 'in the field' hands-on experience.
2. Gain an in-depth understanding of the into-plane refueling process from start to finish.
3. Gain an understanding of the industry best practices related to aviation fuel quality control and into-plane refueling safety.

### Contents

#### Day 1

- Introduction to Petroleum Products
- Aviation Fuel Grade and Specifications
- Aviation Fuel Contaminants
- Aviation Fuel Quality Control Checks
- Aviation Fuel Certificate
- Visit fuel depot and pipeline receipt facilities

#### Day 2

- Aviation Fuel Filtration Unit
- Hydrant Pipeline Network Operations and Maintenance
- Into-plane Refueling Procedures
- Aviation Refueling Vehicle
- Visit Into-plane refueling equipment

### Instructors

Our instructors have extensive theoretical and hands-on experience in aviation fuel quality control and the provision of into-plane refueling at airports ranging from international aviation hubs to smaller regional airports. They are also certified Joint Inspection Group (JIG), and IATA Fuel Quality Pool (IFQP) certified inspectors.

### Who should attend?

This program is designed for quality control auditors or airline inspectors.

### Learning Format

In-class lecture and on-site visits

### Duration

2-day training (9AM - 4PM; 6 hours per day), total 12 hours