



Aviation Fuel Handling & QC Training – Monitoring & Maintaining your Jet A-1 Fuel

TECHNICAL PROPOSAL

Overview

The Aviation Industry has developed and maintained standards through a consensus standards development process, approved by the International Community (IATA & the Airline Transport Association). This process brings together volunteers representing varied viewpoints and interests to achieve consensus and develop a standard. This Aviation Fuel Handling & Quality Control Training Seminar will provide the attendee with the skills and understanding of the standards set forth by the International Community and how it pertains to their operation, in a “What”, “How” and “Why” training scenario.

Goals

Provide the attendees with the skills and the understanding of the standards set forth by the International Community; provide the attendees with a “What”, “How” and “Why” training perspective to the application of the standard; and how the standard applies to each attendee's operation, regardless of its size.

Objective

The Jet A-1 QC training will be an equal balance of “what”, “how” and “why” for all activities listed above with regard to Jet A-1 handling requirements. Maintenance requirements for Jet A-1 facility and Filter Water Separator systems shall be covered in detail and to the latest industry standard updates. **Also, documentation as per IATA and JIG for the operations and Maintenance requirements of installed equipment such receiving facilities.**

Specific QC activities related to pipeline receipts and filtration will be further detailed together with Jet A-1 road tanker loading and receiving activities.

Methodology

Theory and Practical Applications

Scope of Work

Job description to include a comprehensive 2-Day training program for two groups of trainees (total of four days training) in the following topics:

- Risk Management and Ramp Operations
- Aviation Fuel Specification
- Aviation Fuel Distribution Procedures
- Aviation Fuel Filtration Specifications, Operations & Maintenance
- Aviation Fuel Loading Procedures via Road Transport Carrier (Tanker)
- Aviation Fuel Receipt Procedures via Road Transport Carrier (Tanker)
- Aviation Fuel Product receipt via Multi-product Pipeline
- Aviation Fuel Field Test Procedures – Classroom & Practical Hands-on
- Ramp Safety & Security Training
- Fire Safety Training

- Practical Hands-on Training – Inclusive of the following:
 - Aviation Fuel Receipt Procedures via Road Transport Carrier
 - Aviation Fuel Product receipt via Multi-product Pipeline
 - Aviation Fuel Storage Quality Assurance Procedures
 - Hand held Fire Extinguisher Training

The scope for maintenance staff training is limited to the installed equipment specific for the Jet A-1 systems related to product QC requirements with regard to DP gauges, filtration equipment for pipeline receipts, road tanker loading & unloading, micron filter and coalescer elements handling, Lid torqueing, inference from diagnostic analysis, or obvious signs of damage, or probable element failure, water detection alarm and S/D systems, filter data templates and pipeline grade marking requirements and documentation related to the Preventive maintenance related to the above. A brief overview of Jet A-1 Storage tank requirements.

All training programs will be based upon *El/JIG Standard 1530 Quality Assurance Requirements for the Manufacture, Storage and Distribution of Aviation Fuels to Airports*

The “NEW” Standard In Flightline Training

