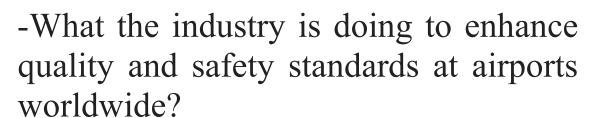
Skytanking





-An intensive course specially designed for professionals in the aviation fuel handling business to learn about the latest industry standards and recommended practices;



-Insights from incidents involving fuel contamination problems and impact on operations and safety







Aviation Fuel Standards & Quality Surveillance Course

Brussels International Airport Belgium 13-16 June 2022

DAY 1

- 1. Aviation Operations Objectives
- 2. Fuel manufacturing, Specifications, Quality Assurance, Lab tests (EI/JIG 1530)
- 3. Fixed Equipment Design and Operations (EI/JIG 1530, EI 1540 and EI 1560)
- 4. Filtration basics (EI 1550, EI 1581, EI 1583, EI 1590)
- 5. Visit Tank Farm Facilities: (JIG 2)
- 6. Filter Water Separator Internal Inspection
- 7. Inlet and Outlet Filtration
 - i. Sampling and QC
 - ii. DP Measurements
- 8. Tanks and Systems
 - i. Sampling and QC
- 9. Tank Farm visit (Continued with tank's equipment, pumps controls, etc)
- 10. Records (Theory)
- 11. Records Audit (Tank Farm and Hydrant)

DAY 3

- 1. Refinery visit (EI/JIG 1530)
- 2. Manufacturing/process
- 3. Laboratory visit, testing devices, ASTM specifications, limits, traceability
- 4. Fuel storage and transfer to other locations
- 5. Records

DAY 2

- 1. Contamination Sources and
 - a. Fuel quality incidents/investigation, including Microbiological Growth (MBG) detection kits (FUEL STAT, HY-LiTE and MM2)
- 2. Contamination Detection Methods
- 3. Product Receipt Theory, Road Tank Trucks (JIG 2)
- 4. Product Receipt Theory, Pipeline (JIG 2)
- 5. Tank Release Theory (JIG 2)
- 6. Product Receipt Practice, Truck and Pipeline,
 - Including Density, Temperature,
 Conductivity measurements and Millipore test
- 7. Static Electricity (including video)
- 8. Hoses theory and inspections / Tests (JIG 1 & JIG 2)
- 9. Mobile Equipment Design (JIG 1)

DAY 4

- 1. Practical Apron Tests in Into-Plane Refuelling (Refueller, Dispenser, underwing, overwing) (JIG 1)
- 2. Health, Safety and the Environment
- 3. Final Evaluation Test
- 4. Award of Certificates

WHO SHOULD ATTEND?

- Aviation fuel Managers and Supervisors
- Quality Control Managers
- Tank farm fuelling operatives
- Aviation fuel hydrant operatives
- Into-plane Service Providers
- Airline Fuel auditors

- Military personnel involved in aviation fuel handling
- Associations such as UN, ICAO, Civil Aviation Authorities, ACI
- Refinery Managers and Operations Personnel involved in Aviation Fuel

Aviation Fuel Solutions Inc. 4678 Lawson Road St. Andrews West, ON Canada K6H6Y6 www.aviationfuelsolutions.ca





Technical, Commercial and Operations Consultancy

- Feasibility Studies
- Business Planning
- Design Reviews
- Operations Set-up
- Operations Procedures
- Fuel Manuals
- Technical Service Agreements
- Training & Certification
- Operational Audits

AVIATION FUEL SOLUTIONS INC.

EXPERTISE YOU CAN TRUST

Ravin J Appadoo, BSc Mech. Eng., MBA, PhD. – Program Manager

Ravin Appadoo is a Consultant at IATA on aviation fuel matters. He is the President of **Aviation Fuel Solutions International A.F.S.I.**, a consultancy company incorporated in Canada since 2007. Ravin is a seasoned aviation professional with over 20 years of experience in the industry. As an Aviation Fuel Consultant, his work involves conducting research, feasibility studies, market analysis, training and audit work for airlines, airports, oil companies and such organizations like IATA, the UN and ICAO Until 2005, Ravin Appadoo was Assistant Director Fuel Services at IATA, working from the Montreal Office, where he was the focal point for all technical fuel work of the commercial airline industry. He also led the work of important industry Groups including serving as Secretary to the Aviation Fuel Working Group and Administrator of the IATA Fuel Quality Pool. Ravin runs several Fuel Management courses for IATA. Ravin is also an Aviation Fuel Safety expert for ICAO responsible for the design review of new airport fuel infrastructure worldwide

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Luc Maes - Course Instructor Technical & Operational Support Manager



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