Introduction to the Joint Inspection Group (JIG)

- for Associate Members, JV Reps, Site Managers & 3rd Parties

Last Update 18th June 2012
JIG Fast Facts

• The Joint Inspection Group (JIG) was originally formed in 1970’s to coordinate inspections at Joint Venture locations.

• Developed JIG Standards as the basis for inspections of JVs in 1974.

• IATA has endorsed JIG Standards since Issue 8 (January 2001) and is represented on the Committee that develops new JIG Standards.

• Associate Membership increased rapidly in recent years and now stands at 49 members from all around the world.

• IATA recently became an Associate Member, and JIG is an IATA Affiliated Organisation.

Approximately 40% of jet fuel in the world is supplied through more than 2500 facilities that follow JIG Standards.
JIG Guarantor Members

- Air BP
- Chevron
- Eni
- ExxonMobil
- KPIAC
- Shell
- Statoil
- TOTAL

A representative from each of these companies sits on the JIG Council, the body which sets JIG strategy and priorities.
The Vision of JIG is to be the leading internationally recognised forum where experts in all aspects of the aviation fuel supply industry can come together to establish and enhance standards for the safe handling and quality control of aviation fuels globally, and that those standards are recognised and endorsed by all parties with a stake in the industry.
JIG will:

- **Develop and promote internationally accepted standards** and procedures for product quality control and for the safe, reliable and efficient handling of aviation fuel throughout the supply chain and for aircraft refuelling operations.

- **Interact with relevant authorities and other parties** to influence fuel specifications, make recommendations regarding emerging fuel quality issues, and communicate fuel quality requirements for jointly operated systems.

- **Vigorously encourage compliance with operational standards** at participating locations through a coordinated inspection programme and monitoring system.

- **Operate in accordance with all applicable legislation and regulations**
Strategic Objectives (2 of 2)

JIG will:

- **Drive continuous improvement in operational standards and safety** through the sharing of technical and safety best practices and lessons learned, training workshops and performance recognition programmes.

- **Promote efficiency and standardisation** in jointly operated systems through the development of an operational safety management system and other common operational and administrative processes.

- **Actively seek input from other suitable 3rd parties**, for example aviation fuel suppliers and service companies.

- **Encourage interaction with** relevant 3rd parties for example regulators, IATA, airports, ICAO, and ACI.
What is JIG?

- JIG Limited was established in 2002 as a “not for profit” organisation with a part-time Administrator.
- JIG member companies currently contribute their time, expertise and resources free of charge.
- **JIG provides guidance** to JV Participants, JV Representatives and Site Managers **on operating standards and the management of risks associated with aviation fuel storage, hydrant and intoplane operations.**
- JIG has no power of enforcement. Enforcement is achieved through the individual JVs.

JIG is an extremely valuable organisation able to call on the huge depth of expertise within the major fuel suppliers and Associate Members to identify and manage current and emerging risks of aviation fuel supply.
What does JIG do?

- **Maintains and regularly updates the JIG Standards** based on input from specialists within the major fuel suppliers, Associate Members and IATA.

- **Develops and issues best practices as JIG Bulletins** to address emerging issues – FAME, EI 1584 compliance, etc.

- Coordinates a **systematic inspection programme** carried out by highly trained and experienced auditors.

- **Tracks audit findings** to close out through the on-line action tracking system to ensure compliance.

- **Carefully controls deviations** from standards by participating JVs to ensure risks are managed.

- **Provides training** to JIG inspectors and JV operations managers.

- **Distributes lessons learned** from incidents, incident statistics and inspection trends.

- **Offers technical advice and support** through Technical Services Agreements with JIG Guarantor Members.

There is much more to safe operations... than just standards and inspections.
Benefits of JIG Membership

• **JIG Training Workshops**

• **JIG Standards (1, 2, 3 & 4)** (JIG 1, 2 and 3 are endorsed by IATA)

• **JIG Bulletins** – available to all purchasers of JIG Standards and to JIG JVs to alert them to operational issues and provide guidance

• **Association with a wider industry group** (Coordination/facilitator of industry initiatives – FAME, ETS, Filtration... etc)

• **Opportunity to influence JIG Standards.**

• **Interaction on PQ & Safety issues**

• **Safety statistics benchmarking**

• **Access to common business processes** – best practice guidelines for continuous improvement of risk management in Joint Venture operations e.g.
  - JIG HSSE Management System Guidelines
  - JIG Business Risk Assessment
  - JIG Financial Control & Administration
  - JIG Stock Accounting
  - JIG JV Competition Law Core Principles

• **JIG Aircraft Fuelling Data Sheets**
Open Membership Criteria

Associate Members are:

- Aviation fuel storage operators (including pre-airfield operations);
- Aviation fuel hydrant operators;
- Into-plane Service Providers;
- Organisations representing airlines or military users

If you are interested to join JIG contact:
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<tr>
<th>JIG Associate Members</th>
<th>(1 of 2) (Updated 18th June 2012)</th>
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<tr>
<td><strong>Abu Dhabi National Oil Co. for Distribution (ADNOC), UAE</strong></td>
<td>Energy Institute, UK</td>
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<td><strong>Africana Corporate Services, Kenya</strong></td>
<td>Esso Petrolera, Argentina</td>
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<td><strong>AFS Aviation Fuel Services GmbH, Germany</strong></td>
<td>Exel Petroleum (Pty) Ltd, South Africa</td>
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<td><strong>Aircraft Service International Group Ltd (ASIG), UK</strong></td>
<td>FMI Energy Zimbabwe (Pvt) Ltd., Zimbabwe</td>
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<td><strong>Arabian Petroleum Supply Co (APSCO), Saudi Arabia</strong></td>
<td>Hansaconsul Ingenieurgessellschaft mbH, Germany</td>
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<td><strong>Carboil Srl, Italy</strong></td>
<td>Hoyer Ireland Ltd, Ireland</td>
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<td><strong>CEPMA, France</strong></td>
<td>International Air Transport Association (IATA), (230+ Airlines)</td>
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<td><strong>China National Aviation Fuel Supply Co. (CNAF), China</strong></td>
<td>NAFTAL Branche Carburants, Algeria</td>
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<td><strong>CLH Aviacion, SA, Spain</strong></td>
<td>Oando PLC, Nigeria</td>
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<td><strong>ConocoPhillips Ltd, UK</strong></td>
<td>OFC Aviation Services, Greece</td>
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<td><strong>Defense Logistics Agency (DLA), USA</strong></td>
<td>Pertamina Aviation, Indonesia</td>
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<td><strong>Distributeurs Nationaux S.A (DINASA), Haiti</strong></td>
<td>Petroleum Association of Japan (PAJ), Japan</td>
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<td><strong>Ecopetrol, Colombia</strong></td>
<td>Petronas Aviation, Malaysia</td>
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<td><strong>EKO Aviation, Greece</strong></td>
<td>PPTAviation Services, Cyprus</td>
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<td><strong>Emirates National Oil Company (ENOC), UAE</strong></td>
<td>PTT Public Company Ltd, Thailand</td>
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<td><strong>Enacol SA, Cape Verde</strong></td>
<td>Puma Energy (PTY) Ltd, South Africa</td>
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<td>Rubis Energie, Antilles Guyane</td>
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JIG Global Scale (Updated 18th June 2012)

- **North America**: 5
- **Caribbean & Central America**: 3
- **South America**: 2
- **Europe**: 26
- **Middle East**: 6
- **South East Asia**: 2
- **Africa**: 9
- **Australia, New Zealand & Pacific Islands**: 0

- **No. of JIG Members**: 57
- **No. of JIG JVs**: ~ 180
- **Locations following JIG**: ~ 2500
- **% of global aviation fuel sales**: ~ 40

~ 2500% of global aviation fuel sales ~ 40