

The Energy Institute is holding a 2-day event to discuss key issues relating to Test Methods and measurement properties of aviation fuels (Jet fuel and Avgas), including a key industry presentation on the current and future issues/requirements for specification testing of Jet and AVGAS.

Who should attend?

Laboratory managers and staff from refineries or from the key independent test house laboratories testing fuel products, including aviation fuels.

technical events

FAME in Jet Measurement and EI Aviation Fuels Test Method Conference

Tuesday – Wednesday 21–22 May 2013

The Lensbury Conference Centre, Lensbury, Broom Road, Teddington, Middlesex, TW11 9NU



Day one – FAME in Jet Measurement Workshop

This session will provide laboratory users of the EI FAME in Jet Measurement Methods best practice guidance on test method application, updates on the latest test method revisions, and current status of the EI Ruggedness Study and Inter Laboratory precision study for these methods.

Programme		
09.15	Registration and refreshments	12.20 Lunch
09.50	Welcome <i>Dr Jim Barker</i> , Innospec	13.30 IP 590 HPLC Method outcome and results of robustness and round robin <i>Peter Morgan</i> , Intertek
10.00	Overview of current status of programme and outline of main components/fuels matrix for the robustness and round robin study activity – <i>Dr Harry Read</i> HonFEI, BP Oil Consultant	14.25 IP PM EL Heart-Cut GC Method overview of robustness and round robin studies <i>Erwin Barendregt</i> , Intertek Testing Centre Sunbury
10.30	Outcome and review of IP 583 FTIR Method <i>Paul Spitteler/Ilan Mylrea</i> , Stanhope-Seta	15.20 Refreshments
11.15	Refreshments	15.35 Review of Method status and actions, along with users input <i>Bob Hooks</i> FEI, Consultant
11.35	IP 585 current status of GCMS Method and progress in the robustness and round robin studies <i>Dr John Langley</i> , Dept of Chemistry, Southampton University	16.00 Summing up and close of meeting <i>Dr Jim Barker</i> , Innospec
		16.10 Equipment Exhibition

Day two – Aviation Fuels Test Methods new developments and issues

This conference on Aviation Fuel Test Methods – Developments and issues of measuring aviation fuels will be an interactive seminar that will promote and disseminate industry best practice, examining current test methods and measurements available for Aviation Fuels and reviewing potential impact of new technologies. In addition to FAME in Jet measurement update, specific issues and new developments for test methods such as low temperature viscosity, particle counting, thermal stability, freezing point and naphthalenes will be discussed.

Programme		
09.00	Registration and refreshments	12.30 Jet fuel particulates method update: new water elimination procedures <i>Elaine McFarlane</i> MEI, Shell Global Solutions
09.30	Opening overview of key aspects of the day's proceedings <i>Dr Harry Read</i> HonFEI, Deputy EI TMS Chair and <i>Colin Matthews</i> , Total	13.00 Lunch and fuels test equipment exhibition
09.45	Aviation fuel specifications – key issues and future challenges <i>Kevin Bower</i> , Air BP	13.45 Naphthalenes determination by HPLC – outcome of preliminary robustness study <i>Dr Stuart Forbes</i> , Shell Global Solutions
10.45	Viscosity measurement of jet fuel: current status of new instrumentation and the EI/ASTM inter-laboratory study <i>Stephen Gosling</i> MEI, Poulten Selfe & Lee	14.15 Overview of FAME in jet methods revisions and precision study <i>Dr Jim Barker</i> , Innospec
11.15	Refreshments	14.45 Microbial testing – latest developments and guidelines <i>Elaine McFarlane</i> MEI, Shell Global Solutions
11.30	EI Sampling Working Group: update/status of proposed sampling guidelines <i>Paul Harrison</i> MEI, Technical Manager – Hydrocarbon Management, Energy Institute	15.15 Refreshments
12.00	New developments on thermal stability assessment of jet fuel <i>Garry Rickard</i> , Intertek and <i>Didier Pigeon</i> MEI, AD Systems	15.30 Freezing point measurement issues <i>Kevin Bower</i> , Air BP
		16.15 Fuels test equipment manufacturers' open session covering potential new test method developments
		17.00 Review of day's meeting and closing remarks <i>Dr Harry Read</i> HonFEI, Deputy EI TMS Chair and <i>Colin Matthews</i> , Total

To book attendance at this event, please complete this booking form in BLOCK CAPITALS and return it to the address below, together with payment in full.

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t: + 44 (0)20 7467 7174; f: + 44 (0)20 7580 2230; e: gwillkinson@energyinst.org

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CPD 9 hours