

FIJI - FAME in Jet Fuel

Product Update

April 2015

JIG (Joint Inspection Group) has just issued new guidance on these specification changes and a revised Joint Fuelling System Checklist.

Bulletin No.75 'Guidance to ASTM D1655 and Def Stan 91-91 to Increase Allowable FAME Limits to 50 mg/kg'
www.jigonline.com/bulletins/bulletin-75/

Bulletin No.76 'Aviation Fuel Quality Requirements for Jointly Operated Systems (AFQRJOS) '
www.jigonline.com/bulletins/bulletin-76/



Important facts

- The revised 50 mg/kg limit is effective 2nd May 2015
- The FIJI Methods - IP 583 / ASTM D7797 are authorised tests in Def Stan 91-91, ASTM D1655 and the Joint Fuels Checklist
- The FIJI method is the only analysis that can screen all FAME types

JIG bulletin 75 specifies the following mandated FAME testing requirements:

Storage Tank Type	Context
Refinery Import Tank	Refinery to refinery transfers where there is incomplete knowledge or direct knowledge that any diesel on board that interfaced with the jet contained biodiesel and/or the vessel has carried biodiesel within the last three loads
Marine Terminal Receipt Tank	In systems where diesel is confirmed to be >B0 or unknown FAME content. Also refer to Marine Testing Requirements in Bulletin 75.
Multi-product Terminal Receipt Tank	Biodiesel confirmed present or unknown in multiproduct system delivering to the terminal
Airports Tanks – Non Dedicated Supply	Testing us required when receiving via non-dedicated transportation mode or supply terminal cannot confirm that FAME content is less than the specification limit.