

## **EI 1529 Aviation fuelling hose and hose assemblies 7<sup>th</sup> Edition November 2014**

### **Introduction**

JIG Standards (JIG 1 section 3.1.5) require that fuelling vehicle inlet and delivery hoses shall be of one continuous length, smooth bore synthetic rubber construction and qualified to the requirements of the latest issue of EI 1529 (grade 2) and/or ISO 1825 Type C (semi-conductive).

The purpose of this Technical Bulletin is to make users aware of the 7<sup>th</sup> Edition of EI 1529 which was published in November 2014. EI 1529 provides performance requirements and manufacturer's test procedures for aircraft fuelling hose, hose couplings and hose assemblies.

The main revisions include:

- An increase in the maximum operable temperature range from 55 °C to 65 °C (149 °F).  
Type C range: -30 °C to +65 °C  
Type C CT range: -40 °C to +65 °C
- The addition (by reference to ISO 1825) of a flammability resistance test.
- An increase, from 1,000 to 10,000, in the number of cycles required for the kink resistance test.

EI 1529 is closely aligned with ISO 1825, but still includes a number of important differences, for example Cold Temperature (CT) hose, and is considered the more stringent. Many hoses are dual branded.

### **Action**

Orders for fuelling vehicle hoses shall specify EI 1529 7<sup>th</sup> Edition when available from the hose manufacturers. It is expected that by mid-2015 the manufacturers of hoses currently qualified to EI 1529 will have confirmed that their products meet the new edition. Hoses purchased between now and mid-2015 may still be qualified only to EI 1529 6<sup>th</sup> Edition.

Hoses currently in service conforming to EI 1529 6<sup>th</sup> Edition 2005 may continue to be used provided that they meet the JIG and the manufacturer's maximum life and routine inspection criteria.

**Endorsed by IATA Technical Fuel Group**



**Actions to Implement this Bulletin (See Table 1 for Action Type Codes)**

Action Description	Action Type
Orders for new fuelling vehicle hoses shall specify EI 1529 7 <sup>th</sup> edition when available from the hose manufacturers	JS

**Table 1 - Bulletin Action Types (Bulletins do not necessarily contain all Action Types)**

Action Types	JIG Bulletin Action Type Definition
JS	Change to JIG Standard – to be adopted by JV and/or Operator to continue to meet the JIG Standard(s) (JIG 1, 2, 3, 4) (**).
RP	JIG Recommended Practice which the JV should consider adopting as its own practice (**).
I	Issued for information purposes only.
Note (**) - If the JV agreements require any of the JIG Standards and/or any of the JIG Common Processes as the governing operational standard then adoption of changes to applicable JIG Standards and/or Common Processes should not be considered optional by the JV Board.	