

Operations Bulletin



Bulletin No 120 Fuelling hose attachments 07 May 2019

Background

This Bulletin is to advise users of the JIG standards of the EI publication: EI Standard 1522 Minimum Requirements for Aviation Fuelling Hose Accessories. The EI 1522 standard was developed by the Energy Institute with inputs from JIG member representatives and relevant manufacturers of fuelling hose accessories.

A variety of hose accessories are on offer to aviation fuelling vehicle suppliers and hose users, which are intended to be fitted along the length of hoses. These may offer benefits such as minimising manual handling risks and increasing hose visibility. Despite this, there remains the need for accessories to not invalidate hose performance characteristics, cause inadvertent wear of the outer cover of the hose, contribute to foreign object debris (FOD) or introduce flammability or electrostatic hazards.

The minimum requirements set out in EI 1522 are intended to assist accessory suppliers/users to demonstrate their conformance to this standard and allow purchasers to make a more informed decision when procuring such attachments.

Accessories include, but are not limited to:

- spiral coils,
- wraps,
- beads,
- collars,
- sleeves (including those used for overwing fuelling grade identification),
- covers (including those used to improve the visibility of hydrant intake hose),
- caster dollies.

It is noted that EI 1522 does not apply to hose end assemblies, couplings, nozzles, lift-assist devices or other metallic mechanical fittings that attach at hose ends. Should non-metallic versions be developed in future then they may require testing in accordance with EI 1522.

Case for action

Users should specify EI 1522 specification when ordering fuelling hose accessories, while manufacturers of such items are developing these products or maturing their product offers.

It is expected that the next issue of the JIG standards will mandate fuelling hose accessories to be compliant with EI 1522.

It is reminded that hose beads and spiral wraps shall be removed before hose pressure testing, in accordance with JIG Standards (section A13.2.2).

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

Action Description	Action Type
Orders for new hose accessories should specify compliance with EI 1522 standard	RP

Table 1 Action Type Codes

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, 4, EI/JIG 1530 and the JIG HSSE Management System).
RA	Required Action to implement one off verification or checks outlined in the table of actions.
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.

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