

Bulletin No. 53

July 2012

## **Hydrant Pit Valves, Couplers and Wear Gauges EI 1584 Third Edition Qualified Equipment**

This bulletin is issued as an update to JIG Technical Bulletins 18, 23, 30 and 36 and is intended to provide guidance to Hydrant Operators and Into-Plane Fuelling Services regarding hydrant pit valves, pit couplers and wear gauges that are qualified to EI 1584 Third Edition.

### **EI 1584 Third Edition Compliance at JIG JV Locations**

All JIG JV locations were required to be in full compliance with EI 1584 Third Edition before December 31, 2011.

### **Compliant Third Edition Hydrant Pit Valves**

The following hydrant pit valves have been successfully tested to confirm compliance with EI 1584 Third Edition:

Carter (Eaton) - models 60554 and 61654 (pre-2002 models modified as per Carter Product News of September 25 2002).

Cla-Val – model 352GF.

Zenith – model LO2K100 series.

Avery Hardoll (Meggitt) PVMY 1000 Mark 3 (upgrade kits are required for Avery Hardoll PVMY 1000 and PVMY Mark 2 hydrant pit valves).

Avery Hardoll (Meggitt) PVMY 2010 Mark 3 (upgrade kits are required for existing Avery Hardoll PVMY 2000 and PVMY 2010 hydrant pit valves).

Whittaker (Meggitt) F352 and F353.

### **Compliant Third Edition Hydrant Pit Couplers**

The following hydrant pit couplers have been successfully tested to confirm compliance with EI 1584 Third Edition:

Carter (Eaton) - model 64810 (previously 64800).

Carter (Eaton) - model 64910 (previously 64900).

Carter (Eaton) - model 60700 (no longer supplied) upgraded using Carter upgrade kit KD61525-3 or KD61525-4 as applicable.

Carter (Eaton) - model 64525 (previously 61525).

Carter (Eaton) - model 61525 pre- November 2011 can be upgraded using Carter upgrade kit KD61525-3 or KD61525-4 as applicable.

Meggitt – model F239 upgraded using 1 x F251 3<sup>rd</sup> Edition lower half.

Meggitt - model F239 Y (previously F239).

Meggitt – model F250 upgraded using 1 x F251 – 3<sup>rd</sup> Edition lower half.

Meggitt - model F251 (previously F250).

Meggitt – model CCMY8500M2 – upgraded using 1 x F251A 3<sup>rd</sup> Edition lower half and 1 x 80324 adaptor kit.

Meggitt - model CCMY8500M3.

All three Meggitt models incorporate the Whittaker F251 or F251A break away lower half.

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### **Hydrant Pit Valve Wear Gauges**

The following wear gauges shall be used for wear checks at least annually on all EI 1584 Third Edition hydrant pit valves:

Carter (Eaton) - 60554ST1 Hydrant Outlet Wear Gauge

Cla-Val - Gammon Technical Products GTP-9410 Gauge

Meggitt (Avery Hardoll and Whittaker) - Gammon Technical Products GTP-9410 Gauge

Zenith are currently developing a wear gauge for their EI 1584 Third Edition hydrant pit valves

### **Hydrant Pit Coupler Wear Gauges**

The following wear gauges shall be used in accordance with manufacturers' procedures for wear checks at least annually on all EI 1584 Third Edition hydrant pit couplers:

Carter (Eaton) - 61362 Coupler Lower Half Wear Gauge

Meggitt are currently developing a wear gauge for their EI 1584 Third Edition hydrant pit couplers

### **ACTION FOR JIG JOINT VENTURES**

JIG JV locations were required to be in full compliance with EI 1584 Third Edition before December 31, 2011. Locations should have records showing actions taken to achieve compliance.

All compliant locations need to ensure that any new or replacement hydrant pit valves or couplers that are introduced are qualified to EI 1584 Third Edition.

Hydrant pit valve wear checks in accordance with the requirements of JIG Aviation Fuel Quality Control & Operating Standards for Airport Depots & Hydrants need to be introduced and recorded.

Hydrant Pit Coupler wear checks in accordance with the requirements of JIG Aviation Fuel Quality Control & Operating Standards for Into-Plane Fuelling Services need to be introduced and recorded.

The actions detailed in the previous bulletins still apply.

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