

Hydrant Pit Valves and Couplers EI 1584 Third Edition - Update

This bulletin is issued as a further update to JIG Technical Bulletins 18, 23 and 30 and is intended to provide guidance to Hydrant Operators and Into-plane Services regarding the implementation of EI 1584 Third Edition requirements.

Deadlines for EI 1584 Third Edition Compliance at JIG JV Locations

It was required that all hydrant pit valves should meet EI 1584 Third Edition requirements before December 2009. Where existing pit valves cannot be confirmed as being Third Edition compliant an implementation plan to achieve compliance before December 2010 shall be developed.

All Hydrant Servicers shall be fitted with couplers meeting EI 1584 Third Edition requirements before December 31 2011. For locations where complete Third Edition pit valve compliance has been confirmed, Third Edition couplers shall be introduced without delay.

Third Edition couplers shall not be used at any airport location until all operational hydrant pit valves have been confirmed by the Hydrant Operator as being Third Edition compliant.

Revised Deadlines for EI 1584 Third Edition Compliance at JIG JV Locations with Avery Hardoll (Meggitt) pit valves

Due to delays in the availability of upgrade kits for existing Avery Hardoll pit valves, it has been agreed to extend the deadline for EI 1584 Third Edition compliance at such locations to June 30 2011 for pit valves. The deadline for Third Edition coupler compliance remains as December 31 2011 at these locations. For locations where Third Edition pit valve compliance has been confirmed, Third Edition couplers shall be introduced without delay.

Compliant Third Edition Pit Valves

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

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

Cla-Val - model 352 GF

Zenith - model LO2K100 series

Avery Hardoll PVMY 1000 Mark 3 (upgrade kits are required for existing Avery Hardoll PVMY 1000 Mark 1 and Mark 2 valves)

Avery Hardoll PVMY 2010 Mark 3 (upgrade kits are required for existing Avery Hardoll PVMY 2010 valves)

Whittaker F352 and F353

Compliant Third Edition Pit Couplers

The following couplers have been successfully tested and in-service trials over a 12 month period have been completed:

Carter – model 64800

Carter – model 64900

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

Carter – model 61525 can also be upgraded using Carter upgrade kit KD61525-3 or KD61525-4 as applicable.

The following couplers have been successfully tested. However in-service trials over a 12 month period are not due for completion until the end of Q1 2011.

Meggitt – model F239

Meggitt – model F250

Meggitt – model CC8500

These all include the Whittaker F251 breakaway lower half.

Required action for JIG JV Hydrant Operators

By December 31 2010 all hydrant pit valves should be EI 1584 Third Edition compliant (with the exception of Avery Hardoll (Meggitt) where the deadline is June 30 2011). Following pit valve compliance, the Hydrant Operators are required to notify the Into-plane fuelling groups of this fact and to recommend that Third Edition breakaway couplers be fitted to hydrant servicers without delay.

Hydrant Operators are required to fit Third Edition couplers on hydrant pit flushing vehicles following pit valve compliance.

Hydrant Operators unable to meet these deadlines (for example, where the hydrant system is owned by a third party) should apply for a Variance.

Required action for JIG JV Into-plane Operations with Hydrant Servicers

JV Into-plane Operators shall confirm with the Hydrant Operator that Third Edition compliance has been achieved. Third Edition couplers shall not be introduced until the entire hydrant system (including vehicle test rig stands) is fitted with Third Edition compliant pit valves.

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