

Hydrant Pit Valves and Couplers - Update

This bulletin is issued as an update to some of the information contained in Bulletin 18 of July 2008.

Compliant Third Edition Hydrant Pit Valves

In addition to the compliant hydrant pit valves listed in Bulletin 18, the following valves have been successfully tested to confirm compliance with API/EI 1584 Third Edition:

Avery Hardoll PVMY 1000 Mark 3
Avery Hardoll PVMY 2010 Mark 3
Whittaker F352 and F353

Retrofit kits are available from Meggitt Fuelling Products or their distributors:

- to modify existing Avery Hardoll PVMY 1000 Mark 1 & Mark 2 valves to Mark 3
- to modify existing Avery Hardoll PVMY 2010 valves to Mark 3

Non-Compliant Third Edition Hydrant Pit Valves

The Avery Hardoll PVMY 2000 model which incorporates a ductile cast iron API adaptor ring is not compliant and requires a replacement stainless steel ring to upgrade it to the PVMY 2010 model.

The Avery Hardoll PVMY 1100 series valves failed the tests and are non-compliant. No retrofit is available and the valves will need to be replaced.

Error in Bulletin 18 of July 2008 – Zenith L02K100-XXX

Although the Zenith L02K100-XXX hydrant pit valve has successfully passed the hydrant coupler breakaway test, the Third Edition steady load test has yet to be completed. Until this test has been successfully carried out, the Zenith L02K100-XXX hydrant pit valve cannot be confirmed as qualified to API/EI 1584 Third Edition. It is expected that further information about Zenith pit valve compliance will be available in the near future.

Revised Deadlines for API/EI 1584 Third Edition Compliance at JIG JV Locations

All Hydrant Pit Valves should meet API/EI 1584 Third Edition requirements before **December 31 2009**. Where existing pit valves cannot be confirmed as being Third Edition compliant an implementation plan to achieve compliance before **December 31 2010** shall be developed.

All Hydrant Servicers shall be fitted with couplers meeting API/EI 1584 Third Edition requirements before **December 31 2011**. However, at 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.

Required Action for JIG JV Hydrant Operators

JV Managers shall ensure compliance by **December 31, 2009**. Where existing pit valves cannot be confirmed as being third edition compliant an implementation plan for compliance before **December 31, 2010** shall be developed for approval by the JV Management and a Variance Approval Certificate submitted for international participant approval.

At locations where some of the hydrant pit valves are not currently third edition compliant the hydrant operator shall notify the into-plane fuelling groups of this fact and confirm that third edition breakaway couplers shall not be used. Before **December 31, 2009** the hydrant operator shall also discuss the implementation plan with the into-plane fuelling groups including the expected timing for full pit valve compliance.

At locations where all operational hydrant pit valves are third edition compliant the hydrant operator shall notify the into-plane fuelling groups of this fact and recommend that third edition breakaway couplers be fitted to hydrant servicers without delay.

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

Before **December 31, 2009** Into-plane JV Managers shall confirm with the Hydrant Operating organisation the status of third edition pit valve compliance and shall ensure that no hydrant servicers with third edition couplers are used until notified that the entire hydrant system is fitted with third edition compliant pit valves.

Following discussion of the Hydrant Operator's implementation plan for third edition pit valve compliance, the into-plane fuelling groups shall develop their implementation plans for timely procurement and introduction of third edition couplers.

In any event, full implementation of third edition couplers shall be achieved by **December 31, 2011**, but where possible, earlier compliance is strongly recommended.

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