

Foundation for Cross-Connection Control and Hydraulic
Research
University of Southern California
Manual of Cross-Connection Control
10th Edition

Manual Review Committee

24 August 1999

Denny Research Center

Conference Room 140

USC Campus

Draft Meeting Synopsis

Paul Schwartz welcomed all members of Manual Review Committee (MRC).
Committee roster distributed, address corrections requested.

Those in attendance:

Mike Ahlee

Ken Anderson

Henry Chang

Ernest Havlina

Lloyd Huff

Sam Johnson

Orvil Kirk

Chuck Nena

Bob Purzycki

Paul Schwartz

Patrick Sylvester

- Staff informed MRC that the FCCCHR had been awarded the AWWARF project *National Assessment of the Impact of Cross-Connections in North American Water Supplies*.
- Paul Schwartz updated MRC with current EPA activity. ABPA prepared a report from a questionnaire to water purveyors and state agencies requesting information about their respective programs. EPA has requested all available data regarding backflow incidents, as well as costs of operating cross-connection control programs. This data is being compiled for presentation to a Federal Advisory Committee (FACA).
- Staff updated MRC about recent backflow incidents.
- Motion to accept minutes of 25 May 1999 meeting was passed.

Old Business

Section 7

Letter from Rand Ackroyd regarding the addition of language for fire suppression systems other than the current six classes.

Action Items:

- Language will be considered for the reformatted Section 7. The new Section 7 will cover *equipment*, whereas the new Section 6 will cover *facilities*.
- Schematic of subject systems will be requested by Staff for distribution to MRC.

Section 8

Elements of Certification Programs –

Tester Subcommittee – Draft handed out at last meeting was reviewed. Bob Purzycki had submitted some instructor requirements for consideration.

It was felt that these items may not be appropriate for the basic elements contained in this new material. It was recommended that a more generic statement be used, such as “qualified instructor.”

Minimum duration of training will be included as a Note: *This type of training typically requires 32-40 hours.*

Examination process to include four assemblies i.e., RP, DC, PVB, and SVB.

Recommended inclusion of RPDA and DCDA to outline.

Action Item:

Subcommittee to prepare revised draft so that it may be distributed to MRC for voting at future meeting.

Section 9

RP Field Test Procedure

2nd Check direction of flow test (current optional test A.2.2)

Motion to reconsider vote taken at last meeting (i.e., 5-25-99 *Motion passed to remove the Optional Test A.2.2 from the Appendix.*) passed unanimously.

Staff provided draft language to precede existing A.2.2. Some felt that it was not adequate, a more distinct discouragement of use was necessary. The main issue being that the leakage of the No. 2 shutoff valve should not be a cause of failure, providing that the standard field test can be performed.

Action Items:

Staff to prepare draft material for voting at future meeting. To include:

- New informational subsection in Section 9.2.3 Diagnostics
- Revised draft of A.2.2

Field Test Procedures

Staff provided draft of field test procedures (i.e., Intro, RP, DC, PVB) that included all modifications from previous meetings. Illustrations will not be revised until text is finalized. Reviewed draft item by item.

Action Item:

Revised draft to be prepared by Staff.

Email received from Mr. Gabe Garza regarding field test procedures. He has concern that the current field test of a DC induces a backpressure of the 2nd check valve while testing the 1st check valve. This may be effecting the readings recorded for the 2nd check valve. His second item concerns the difficulty of compensating for a No. 1 shutoff valve leak during the PVB field test. Recommendation that a street ell be attached on testcock No. 2 during the check valve test.

Action Item:

MRC members and Staff to review these items in more detail and report back at future meeting.

Section 10

Febco Proposal

Proposal submitted by Mr. Bill Dunmire, Febco, in letter dated 13 July 1999, to allow inlet and outlet connections of assemblies to include 45° flare union tubing connections per SAE J513.

Action Item:

Staff to prepare draft of Section 10.1.1.3 for review at future meeting.

Factory Audits

Staff updated MRC that they met with representatives from Underwriters Laboratory to discuss the details of factory audits.

Meeting Schedule:

The following meeting dates have been scheduled:

12 October 1999 – Open meeting -- 9:00am – 3:00pm

Location to be determined

16 November 1999 – General meeting (*proposed*)

11 January 2000 – General meeting (*proposed*)

Adjourned 2:20 pm