

Event: SRC4 Annual Conference - 2017

Date: 23<sup>rd</sup> February 2017

Speaker: Henry W. Chang

Title:

DCDA Type II & RPDA Type II - Detector Assemblies

Abstract:

The USC Foundation's 10th Edition Standards include backflow prevention assemblies intended for use on wet based fire sprinkler systems that prevent backflow as well as detect unauthorized use of water. These detector assembly standards now include a new version called the Type-II. The Type-II detector assemblies (i.e., DCDA-II and RPDA-II) have the exact same application as the DCDA and RPDA, but their different configuration has lead to some confusion in the industry. This presentation will explain why the Type II Standards were developed, and how administrative authorities and field personnel deal with the new configuration.

Bio:

HENRY W. CHANG - Biography

Henry W. Chang received both his Bachelor of Science Degree in Mechanical Engineering and his Master of Science Degree in Materials Engineering from the University of Southern California.

He is a Mechanical Engineer and the Program Manager for the USC's Foundation for Cross-Connection Control and Hydraulic Research.

He is also an instructor in several training courses that include the Backflow Prevention Assembly Tester and Cross-Connection Control Program Specialist courses.

He is a member of various organizations including ABPA, AWWA and ASME.

He is certified as a Tester, Specialist, Proctor, Proctor-in-Charge, Examination Monitor and Proctor Trainer.

He serves or has served in several committees for organizations such as ASSE, IAPMO, ABPA and AWWA. He is currently the chairman of the ABPA Certification Committee.

He has been honored by ABPA with both the Committee Chairman of the year Award and the ABPA Meritorious Service and by AWWA CA-NV Section with the Don Keiser Volunteerism Award.