



Brian Lee Mast, P.E.

CONTROL SYSTEMS ENGINEER

**COPPER BELL
CONSULTING LLC**

Independent control systems expert with 30 years of experience serving US and international clients on aspects of instrumentation, testing, measurement, control systems, communications, and information systems based on physical sensors and real-time data. Expert for integration of process control and measurements with human operators using sophisticated HMI/SCADA platforms. Safety Systems development. Contributor to volunteer engineering projects and organizations such as the International Society of Automation (ISA).

*Owner, Control Systems Engineer
Copper Bell Consulting, LLC, Seattle*

Independent control systems engineer offering consulting engineering services to industrial and municipal clients particularly in the areas of Water and Wastewater Treatment. Past president of the Seattle ISA Section, current Treasurer. Guest lecturer at local technical and community colleges.

Education

Bachelor of Science in Electrical Engineering (BSEE), Rose-Hulman Institute of Technology, Terre Haute, Indiana, 1986

Publications

“Multi-function SCADA Configuration Tool,” in ISA International Conference, Exhibition & Training Program, *Advances in Instrumentation and Control*, vol. 51, pt. 1, 175–85 (Research Triangle Park, N.C.: Instrument Society of America, 1996) (with J.M. Black and C. Dickey)

Chapters on “Flow Switches” and “Pneumatics” in *Instrument and Automation Engineers’ Handbook*, 5th Edition, co-author with Bela Liptak, 2016.

“Summary of the King County, Washington, West Point WWTP Flood of 2017” at the ISA Water and Wastewater Control Systems Symposium, August 8, 2018

Paper and presentation were judged to be the best in the symposium. And recently, judged the best paper for the national ISA for 2018. award ceremony October, 2019, San Diego

Professional Societies and Recognitions

Boy Scouts of America, Eagle Scout

Bugles Across America – Perform live Taps at military funerals in the Seattle area

International Society of Automation (ISA), President Seattle Tacoma Section, 2015-2017,
Currently Section Treasurer

Member ISA Standards Advisory Committee ISA-112 SCADA Systems

Registration

Professional Engineer (Control Systems Branch), Washington