

Douglas (Doug) Nix, A.Sc.T.

Managing Director & Principal Consultant at Compliance InSight Consulting Inc.

Kitchener, ON, CA

Real world experience, taught

Biography

Managing Director at Compliance InSight Consulting, Inc. in Kitchener, Ontario, Canada. More than 25 years of engineering technology experience including product testing, industrial control system design and machinery safety. Specialized expertise in risk assessment methods and processes. Teach risk assessment principles and processes using ISO 12100 methodology and various tools. Graduated Sheridan College in 1985. Certified with OACETT in 1992. Trained Laser Safety Officer. Conduct laser hazard assessments and laser safety training programs. Charter Member of the IEEE Product Safety Engineering Society, and is involved in the Society's activities in a number of ways. Since joining the Society he has held these positions: Vice-President, Conferences (2010-2013); Chair, Risk Assessment Technical Committee (2009-2010); Membership Coordinator, Region 7 (Canada) (2010); Member, Industrial Controls Technical Committee (2010); and Member, Laser Safety Technical Committee (2010); Chair, Engineering & Human Environment Joint Chapter, Toronto Section 2011, 2012 Vice-Chair-PSES, Engineering & Human Environment Joint Chapter, Toronto Section (2009-2010). Doug was General Chair for the 2009 IEEE Symposium on Product Compliance Engineering, held in Toronto, Ontario, Canada in October of 2009. Serves on CSA's s364/Z1002 Technical Committee, writing the Occupational Injury and Illness Risk Assessment and Management Standard. This standard is part of CSA's new Z1000 OHS Management series of standards and is foundational to many other documents currently in work. Serves on the Canadian Advisory Committee to ISO TC199, Safety of Machinery, and on JWG1, the Joint Working Group tasked with combining ISO 13849 and IEC 62061. Produces a blog and podcast called Machinery Safety 101, exploring a wide variety of machinery safety related topics. Find the show on iTunes, or by going to <http://www.machinerysafety101.com>.

Availability

Keynote, Moderator, Panelist, Workshop, Author Appearance, Corporate Training

Industry Expertise

Industrial Automation, Machinery, Electrical Engineering

Areas of Expertise

Risk Assessment, Machine Guarding, Functional Safety

Affiliations

ISO International Organization for Standardization, <http://machinerysafety101.com>, CSA - Canadian Standards Association, IEEE Product Safety Engineering Society, OACETT - Ontario Association of Certified Engineering Technicians and Technologists

Education

Sheridan College Institute of Technology and Advanced Learning
Electronics Engineering Technician Electronics Engineering Technology

Accomplishments

Certified Engineering Technician - OACETT

General Chair - 2009 IEEE Symposium on Product Compliance Engineering

Applied Science Technologist (A.Sc.T.) - OACETT

Drafting Sub-Committee Chair - CSA Z1002 Technical Committee

IEEE PSES VP Conferences

Manage conference and event planning for the Society.

Chair - IEEE Engineering & Human Environment Joint Chapter, Toronto Section

Chair the Executive Committee for the EHE Joint Chapter for terms 2011, 2012. Membership in the Chapter exceeds 600 members from 15 Societies and Councils.

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