



KURT W ISING
PRINCIPAL, SENIOR ENGINEER
TRANSPORTATION GROUP

MSc, Aerospace Science and Engineering,
1994

BASc, Mechanical Engineering, 1991
Registered Professional Engineer

Kurt Ising is a Principal within MEA. He is responsible for technical investigation of motor vehicle accidents.

Since joining the firm in 1995, Mr. Ising has completed over 1000 investigations. He has assessed such issues as impact severity, collision sequence, occupant kinematics, seat belt use and effectiveness, vehicle speed analysis, pedestrian impacts and nighttime visibility. Mr. Ising is also experienced in failure analysis and research, and is responsible for supervision of engineers-in-training.

Areas of Specialization

- Accident reconstruction
- Driver visibility
- Pedestrian impacts
- "Black box" crash data recorders

Professional Affiliations

- Illuminating Engineering Society of North America (IESNA)
- Canadian National Committee on the International Commission on Illumination (CIE)
- Human Factors and Ergonomics Society (HFES)
- Society of Automotive Engineers (SAE)

Recent Publications

In addition to his consulting work, Mr. Ising has conducted research into nighttime visibility, bumper performance in low speed collisions, and vehicle dynamics.

Ising KW (2008). Threshold Visibility Levels Required for Nighttime Pedestrian Detection in a Modified Adrian/CIE Visibility Model. Journal of the Illuminating Engineering Society of North America 5: 1.

Heinrichs BE, Lawrence JM, Allin BD, Bowler JJ, Wilkinson CC, Ising KW, King DJ, Ptucha SJ (2001) Low-speed impact testing of pickup truck bumpers (2001-01-0893). In: Accident reconstruction: Crash analysis (SP-1572), pp. 187-209. Warrendale, PA: Society of Automotive Engineers.

MacInnis DD, Cliff WE, Ising KW (1997). A comparison of moment of inertia estimation techniques for vehicle dynamics simulation (970951). In: Accident reconstruction: Technology & animation VII (SP1237), pp. 99-116. Warrendale, PA: Society of Automotive Engineers.

MacInnis DD, Ising KW (1997). Roadway washboarding - The effect on vehicle cornering. Canadian Multidisciplinary Road Safety Conference X, Toronto, ON. Vehicle Safety Research Centre, Civil Engineering Department, Ryerson Polytechnic University.

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