

David S. Komm, President
Augspurger Komm Engineering, Inc.
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EDUCATION

B.S. in Mechanical Engineering, Michigan Technological University, 1982
M.S. in Mechanical Engineering, University of Connecticut, 1986
Masters in Business Administration, University of Phoenix, 1991

EXPERIENCE

David Komm is a licensed mechanical engineer in the State of Arizona as well as seven other states and Canada. He is also a Certified Fire and Explosion Investigator and a Certified Vehicle Fire Investigator registered with the National Association of Fire Investigators. He received his Bachelors of Science in Mechanical Engineering from Michigan Technological University and Masters of Science in Mechanical Engineering from the University of Connecticut, both with emphasis in the fields of combustion, thermodynamics, heat transfer and energy conversion. He also has a Master's in Business Administration from the University of Phoenix.

Mr. Komm has over 39 years' experience in engineering including product design, prototype and production testing and instrumentation, thermodynamic analysis, the application of failure mode and effect analysis and root cause determination. He has 21 years' experience in forensic engineering. Areas of investigation and expertise include the thermosciences, heat transfer, ignition and fire causation, electrical failures, propane and natural gas explosions and exposure to noxious gasses. He has testified in Federal and State courts.

Mr. Komm has also served as a board member to the Arizona Board of Technical Registration, the licensing agency for engineers and architects in Arizona. He is a member of professional organizations including the National Academy of Forensic Engineers, National Society of Professional Engineers, American Society of Mechanical Engineers, American Society of Materials and the American Society of Testing and Materials. He is the President of Augspurger Komm Engineering, Inc.

PROFESSIONAL REGISTRATION

State of Arizona, Mechanical Engineer #22945
State of California, Mechanical Engineer #M32427
State of Colorado, Mechanical Engineer #43407
State of Michigan, Mechanical Engineer # 6201063728
State of Nevada, Mechanical Engineer #016684
State of New Mexico, Mechanical Engineer #15993
State of Texas, Mechanical Engineer #99074
State of Utah, Mechanical Engineer #5998466-2202
State of Washington, Mechanical Engineer #47484
Province of Alberta, Mechanical Engineer #128117
National Association of Fire Investigators, Certified Fire and Explosion Investigator, #9903-7857v

David S. Komm. PE., PEng.
President
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EXPERIENCE HISTORY

2000 - Augspurger Komm Engineering, Inc.
1999-2000 Southwest Biophysics, Inc., Vice President Engineering
1987-1999 Honeywell International, Inc., Engineering Director
1983-1987 Pratt and Whitney Aircraft, Senior Engineer

PROFESSIONAL AFFILIATIONS

American Society of Testing and Materials
Member of the E58 Committee on Forensic Engineering
Chair of the E58.02 Subcommittee on Product Defect Incidents
Member of the E30 Committee on Forensic Sciences
Member of the F08 Committee on Sports Equipment and Facilities
National Academy of Forensic Engineers, Senior Member #737S
National Society of Professional Engineers
American Society of Mechanical Engineers
National Fire Protection Association
National Association of Fire Investigators
International Association of Arson Investigators
International Code Council
National Association of Subrogation Professionals
American Society of Materials

CONTINUING EDUCATION

National Academy of Forensic Engineers (NAFE) 2024 Summer Conference, Ann Arbor, MI July 20-21, 2024
International Association of Arson Investigators Conference, Las Vegas, NV, April 7-12, 2024
- Potential of Smart Metering Devices in Fire and Crime Investigation, April 10, 2024
- Investigating Fuel Gas Fire & Explosions, April 10, 2024
- Lighting-Induced CSST Fire Claims & Litigation, April 10, 2024
- Advanced Concepts in Self-Heating Fires: The Forensic Approach, April 11, 2024
Commercial Kitchen Fires 1: Fundamentals, IAAI, February 28, 2024
Electrical Aspects of Fire Investigation and Lithium-Ion Battery Fires, Phoenix, AZ, June 13, 2023
National Association of Fire Investigators 2023 Training Program, Dallas, TX, February 20-23, 2023
National Academy of Forensic Engineers (NAFE) Toronto Summer Conference, Canada, July 24, 2022
National Academy of Forensic Engineers (NAFE) 2022 Winter Conference Tucson, AZ, January 8-9, 2022
NAFE Rules of Civil Procedure for Forensic Fire & Engineering Experts, Seminar, Livonia, MI, November 15-16, 2021
NAFE Webinar; Technical Topics in Forensic Engineering, January 9-10, 2021
National Association of Fire Investigators, 2019 Vehicle Fire Investigation Training Program, September 16-19, 2019, Lexington, KY
National Academy of Forensic Engineers (NAFE), Seminar, Denver, CO, July 27-28, 2019
International Association of Arson Investigators, Motor Vehicle Fire Investigation-3 Day, Newport Beach, CA, January 22-24, 2019
International Association of Fire Investigators Conference, Itasca, IL, September 24-26, 2018
NAFE Summer Conference, Buffalo, NY July 27-29, 2018
NASP Webinar; Climbing to the Top of Your WC Scaffolding Subrogation Case, July 10, 2018
Excel Tribometers, LLC; CXLTCertification Program, San Diego, CA, June 26, 2018

PUBLICATIONS

Author & Contributor, “Fire Investigator: Principles and Practice to NFPA 921 and 1033”, Fourth Edition, Jones and Bartlett Learning, 2015
David S. Komm, P.E., PEng, C.F.E.I., “Seeing What We Believe”, AZ Attorney Magazine, October, 2014
David S. Komm, P.E., “Forensic Engineering Analysis of Baseball Ballistics”; Journal of the National Academy of Forensic Engineers, Vol. XXIX No. 1, June 2012
David S. Komm, P.E., C.F.E.I. and Joseph Tomei, “Non-Destructive Examination of Plastic Failure,” Subrogator Magazine, Winter, 2011
David S. Komm, P.E., P.Eng, C.F.E.I., “Forensic Engineering Analysis of a Propane Fueled Residential Gas Explosion”, National Academy of Forensic Engineers, Vol. XXVIII No. 1, June 2011
David S. Komm, P.E., C.F.E.I., Quent Augspurger, P.E., and Hugh J. McSpadden, “Forensic Engineering Investigation of Basketball Goal Support Failure,” International Symposium on Safety Science and Technology, Beijing, China, October, 2010
Eric A. Beebe, E.I.T., Kevin W. Hollander, Ph.D., David S. Komm, P.E., and Todd A. Springer, E.I.T., “Non-Destructive Testing Methods for Examination of Failed Plastic Parts,” ASME Early Technical Conference, Arlington, TX, April 2009
David S. Komm, P.E., Kevin Hollander, Ph.D., Eric A. Beebe, E.I.T., Hugh J. McSpadden, “Steps Used to Analyze the Failure of an Exterior Suspended Ceiling,” International Symposium on Safety Science and Technology, Beijing, China, September, 2008

PRESENTATIONS

Forensic Engineering Analysis of the Energetic Failure of Plastic Pool Chlorinators, NAFE Summer Conference, Buffalo, NY, July 27-29, 2018
Preventing The Preventable Fire, Presentation for Arizona School Trust Risk Management Summit, February 9, 2018
Creative Means and Innovative Approaches to Forensic Engineering, AZ ASM, November 13, 2014
Accident Recreation without Getting Yourself Hurt, Palo Verde SAR, September 13, 2014
Human Factors – Perception, Expectation, Accommodation, AASIU, June 11, 2014
Human Factors CLE Presentation, Fennemore Craig, August 19, 2013
Cost Effective Use of Consultants and Experts Web Seminar, NASP, February 14, 2012
Role and Responsibilities of the Arizona BTR, ACEC LEAP, Phoenix, AZ, July 16, 2011
Forensic Engineering Analysis of Baseball Ballistics, NAFE, Orlando, FL, July 17, 2010
Catastrophic Activities and Forensic Engineering, Hartford Insurance, Elgin, IL, May 10, 2010
Introduction to Forensic Engineering, Arizona State University, Tempe, AZ
Propane Fueled Residential Gas Explosion, NAFE, New Orleans, LA, January 16, 2010

BOARDS AND APPOINTMENTS

Arizona Board of Technical Registration Enforcement Advisory Committee, 2021
Arizona Board of Technical Registration Board Member, 2009 – 2011
Arizona Council of Engineering Companies Board Member, 2007 – 2011