

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 38 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 principal at 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, #9903-7857
Certified XL Tribometrist, #1505564

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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
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
Illuminating Engineering Society of North America

CONTINUING EDUCATION

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; CXLT Certification Program, San Diego, CA, June 26, 2018
Texas Board of Professional Engineers; Professional Engineering Practice Updates/Ethics, June 15, 2017
International Association of Arson Investigators, Inc., AZ Commercial Kitchen Fires 2016, Dec. 6-7, 2016
ADA Regulations and their Impact on Design Professionals, June 15, 2016
Excel Tribometers, LLC, CXLT Certification Program, Philadelphia, PA, May 5, 2015
Arizona Association of Defense Counsel, Advocacy Seminar, Trial Preparation Through Jury Verdict, February 11, 2015
Arizona Engineering Law, HalfMoon Education Inc., Phoenix, AZ, January 22, 2015
International Association for Fire and Arson Investigators (IAAI), Las Vegas, NV, April 16-18, 2014

CONTINUING EDUCATION - continued

FBI Improvised Explosives Workshop, Phoenix, AZ, February 19, 2014
FPA1033, 2014 Edition Overview (NAFI), Online, October 10, 2013
Liability Issues for Expert Witnesses (TASA) Online, August 6, 2013
National Association of Subrogation Professionals (NASP), Residential Electrical Fires Online, July 16, 2013
General Topics and Ethical Considerations for Forensic Engineers (NAFE), January 18-20, 2013
Electrical Fire Investigations Advanced Seminar, AZ (IAAI), July 11-13, 2012
Expert Reports-Practical Considerations and New Rule 26 Amendments (NASP), February 29, 2012

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

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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

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