

**BRIAN A. DARR, P.E.**  
**Mechanical Engineer**

Mr. Darr is a 1996 mechanical engineering graduate of The Ohio State University. His professional background consists of experience in design, development, testing and evaluation of mechanical and structural systems. Much of this experience has been dedicated to tire related areas.

Mr. Darr's specific tire experience includes development, manufacturing, quality investigation, race tire preparation and testing of tires at numerous testing facilities. He worked in a tire manufacturing facility as a plant technical engineer where he investigated quality related issues and in a R&D center where he design, developed, tested and analyzed tires. He has visited numerous tire production plants from Goodyear, Bridgestone, Michelin and Continental tire. He has inherent knowledge of the PAX runflat tire system and C3M manufacturing process. Mr. Darr has been qualified as a tire expert in State and Federal court. He has completed forensic tire failure analysis on many types of tires (passenger, light truck, radial medium truck, etc) in which he referenced hundreds of publicly available tire related documents.

Additional forensic experience includes vehicle accident reconstruction for passenger and commercial vehicles, motorcycles, vehicle component failure analysis and insurance fraud/consistency evaluations. Crash data retrieval (CDR) of passenger and commercial vehicle engine control module (ECM). Mr. Darr evaluated traffic signal timing relating to intersection collisions. Mr. Darr provided services in product and material failure analysis, cause analysis of plumbing failures, mechanical equipment and machinery failures, vehicle fire investigation, lightning strike investigation, nondestructive examination and testing, product design and assessment of conformance to government, corporate, industry, safety and international standards.

#### **EDUCATION AND PROFESSIONAL ASSOCIATIONS**

Bachelor of Science, Mechanical Engineering- The Ohio State University, 1996

Registered Professional Engineer- Ohio No. 68140, Florida No. 70257, Louisiana No. 36957, Alabama No. 32576, Mississippi No. 25570, Arkansas No. 16538, Texas No. 121127, Georgia No. 040399.

#### **Specialized courses:**

- CSI Crash Data Retrieval Data Technician and Analyst courses- CSI, 2010
- Crash Reconstruction at Traffic Signal Intersections- Forensic Traffic Specialist, 2010
- Northwestern Online Accident Investigation 1 & 2- NWU, 2010
- Pedestrian and Bicycle Accident Investigation -IPTM, 2010
- CSI Crash Data Retrieval Specialist Training Level 2 -2011
- ECM Crash Data Retrieval Specialist Training -2011
- HVE Reconstruction (EDCRASH)- Engineering Dynamics Corp, 2012
- Advanced Crash Reconstruction Utilizing Human Factors-NWU, 2014
- Fundamentals of Fire investigation- IAAI, 2015

Member: American Society of Mechanical Engineers (ASME)  
Society of Automotive Engineers (SAE)