

ADAM M. OLSHOVE, P.E., M.S.E.

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I. LICENSES AND AFFILIATIONS

Licensed Mechanical Professional Engineer (P.E.), State of Michigan, No. 6201069770
American Society of Mechanical Engineers, Metro Detroit Section, Member No. 000103514373
National Society of Professional Engineers, Detroit Metro Chapter, Member No. 300816716
American Society for Testing & Materials, F15 Committee Participating Member, No. 2272937
American Society of Safety Professionals, Member No. 010166980

II. PROFESSIONAL EXPERIENCE

J.M. Miller Engineering, Inc. **2012 – Present**
Managing Engineer Ann Arbor, MI

Engineering consulting relative to design, safety, and human factors issues relating to accidents, injuries, and industrial & consumer products. Conduct product hazard analyses and evaluate safety manuals, instructions, and warning labels. Reconstruct accident scenarios using principles of engineering and physics, and multiple forms of media. Clients include legal professionals, insurance, and industry.

RheTech, Inc. / Michigan Department of Environmental Quality **July – September 2011**
Economy, Energy, and Environment (E3) Program Whitmore Lake, MI

Identified cost and energy reducing projects to be implemented in a small plastic resin manufacturing facility. Collaborated with contractors and suppliers to determine project design parameters and establish timeline specifications. Successfully slated all projects for completion with an estimated return on investment period of 1.2 years.

Caterpillar, Inc. **January – April 2011**
Product Development/Engineering Peoria, IL

Performed design verification tests on new sensors and developed standardized test documentation and safety procedures. Analyzed field failures through test data and dissection. Identified and solved design problems in current products and assisted in the introduction of new products.

University of Michigan Composite Structures Laboratory **2009 – 2010**
Research Assistant (Advisor: Dr. Anthony Waas) Ann Arbor, MI

Designed, constructed, operated, and developed test protocol for a small-scale modified shock tube testing apparatus. Calibrated two high-speed cameras to extract multi-axial high-rate strains from exploding

polymer-ceramic composite films. Mentored and instructed other undergraduate researchers with regard to lab safety, tasks, and techniques.

University of Michigan Math Lab

2009-2013

Tutor & Proctor

Ann Arbor, MI

Tutored undergraduate students in calculus I thru IV, linear algebra, and advanced statistics and probability. Instructed students individually as well as in small group settings. Proctored out of classroom tests for introductory math courses.

III. EDUCATION

M.S.E. in Mechanical Engineering, University of Michigan – Ann Arbor

2019

- 4.00/4.00 Major & Cumulative GPA
- *Selected Coursework:* Battery Systems and Control; Modeling Dynamic Systems (Bond Graph Theory); Design of Digital Control Systems; Vehicle Dynamics and Automation; Computer Vision; Vehicle Control Systems; Self-Driving Cars: Perception and Control.

B.S.E in Mechanical Engineering, University of Michigan – Ann Arbor

2012

- 3.76/4.00 Major GPA; 3.81/4.00 Cumulative GPA (Summa Cum Laude)
- Dean's List (6 semesters); University Honors (4 semesters)
- *Selected Coursework:* Modeling, Analysis, and Control of Dynamic Systems; Automatic Control; Dynamics and Vibrations; Electrical Circuits, Systems and Applications; Advanced Energy Solutions; Internal Combustion Engines; Thermodynamics; Fluid Mechanics; Heat Transfer; Mechanical Behavior of Materials; Design and Manufacturing I, II, & III; Laboratory I & II; Solid Mechanics; Manufacturing Processes; Engineering Design; Computers and Programming.

IV. TESTIMONY AND REPORTS SUBMITTED (LITIGATION)

Heflin v. Speedway, LLC

April 2024

Expert Report. Gas station convenience store walkway ramp involved in slip and fall.

Indiana

Andrews v. Sapphire Restaurants, Inc.

February 2024

Expert Report. Melting ice fall from roof onto occupied vehicle.

Montana

Braunschweig, et al. v. Bingen Farms, et al.

December 2023

Expert Report. Guarding of rotating pulley in silo unloader machine.

Wisconsin

Castillo v. Vista Manufacturing, Inc., et al.

August 2023

Inspection Report. Rotary laminator involved in manual feeding nip point incident.

Michigan

Restore Royal Oak, LLC v. CTRE, P.C., et al.

August 2023

Expert Affidavit. Professional Engineer stamping/sealing of HVAC construction documents.

Michigan

Madsen v. Asmodus, Inc., et al. Expert Report. Thermal runaway of lithium ion battery in e-cigarette/vape.	June 2023 Arizona
Aquino v. VALCO Industries, Inc., et al. Inspection Report. Layer poultry farm ventilation fan involved in accidental amputation.	May 2023 South Dakota
Glover v. Rheem, et al. Supplemental Expert Report. Calibration testing of meat thermometer.	December 2022 Michigan
Lopus v. Bay City Lodging Expert Report and Deposition Testimony. Slip and fall on painted sidewalk at hotel.	October 2022 Michigan
Scotto-DiVetta v. Kwaske Expert Trial Testimony. Water drainage in residential back yard.	October 2022 Michigan
Branch v. Allegiant Nonstop, et al. Expert Deposition Testimony. Tip-over of Spinner Frenzy arcade machine.	June 2022 Michigan
Branch v. Allegiant Nonstop, et al. Expert Report. Tip-over of Spinner Frenzy arcade machine.	April 2022 Michigan
Bishai v. Kona Grill Inspection Report. Commercial forced air heating unit involved in burn injury.	March 2022 Michigan
Muster-Reaume v. Orow Construction Expert Report. Residential gutter-downspout system involved in basement flooding.	February 2022 Michigan
Scotto-DiVetta v. Kwaske Expert Deposition Testimony. Water drainage in residential back yard.	January 2022 Michigan
Scotto-DiVetta v. Kwaske Expert Report. Water drainage in residential back yard.	October 2021 Michigan
Watson v. Walmart Expert Report. Water accumulation under floor mat at retail store.	September 2021 Michigan
Branch v. Allegiant Nonstop, et al. Inspection Report. Tip-over of arcade machine.	July 2021 Michigan
Smith v. Ford Building Rino Expert Report. Sudden fatigue fracture of office chair support cylinder.	October 2020 Michigan
Insurance Inspection Report Inspection Report. Seed treater at farm supply co-op involved in entanglement accident.	April 2020 South Dakota

Stensland v. Cavallo Bus Lines Inspection Report. Inadvertent de-activation of commercial bus master power switch.	April 2019 South Dakota
Nicholson v. Dolium, et al. Expert Report. Explosion of plastic beer keg.	September 2018 Nevada
Kitchen v. Kappen Expert Report. Failure of tractor parking brake.	August 2016 Michigan
Caldwell v. Andrick, et al. Inspection Report. Rear rollover of tractor.	December 2014 Michigan
V. ON-SITE INSPECTIONS (LITIGATION & INSURANCE)	
Tyner v. Thomas Trucking, et al. Inspection of garbage truck involved in dump bed tip-over onto adjacent truck cab.	May 2024 Michigan
Clark v. Oil Patch, et al. Inspection of portable light tower mast that collapsed during lowering.	April 2024 Texas
Jacobs v. Mercy Health, et al. Inspection of revolving door at hospital involved in trip and fall.	April 2024 Michigan
Heflin v. Speedway, LLC Inspection of gas station convenience store walkway ramp involved in slip and fall.	March 2024 Indiana
Berlingiero v. First Hospitality Group, Inc., et al Inspection of gas station store walkway ramp involved in slip and fall.	March 2024 Illinois
Sophos Business Management, LLC v. GFL Environmental Services USA, et al. Inspection of waste collection truck involved in collision with overhead power lines.	February 2024 Michigan
Castillo v. Vista Manufacturing, Inc., et al. Inspection of rotary laminator involved in manual feeding nip point incident.	July 2023 Michigan
Taylor v. Outlaw Pass LLC Inspection of go-kart, track, and remote control system involved in collision.	July 2023 Texas
Aquino v. VALCO Industries, Inc., et al. Inspection of layer poultry farm ventilation fan involved in accidental amputation.	March 2023 South Dakota
Sanchez v. Northern Tool & Equipment, et al. Two inspections and testing of portable generator fuel system involved in fire.	August 2022 Texas, Florida

Shields v. Pinnacle Manufacturing Inspection of commercial vacuum container unit involved in pressurized failure.	June 2022 Indiana
Andrews v. Henry Ford Health System Inspection and testing of hospital bathroom floor tiles involved in slip and fall.	April 2022 Michigan
Bishai v. Kona Grill Testing of commercial forced air heating unit involved in burn injury.	March 2022 Michigan
Muster-Reaume v. Orow Construction Inspection of residential gutter-downspout system involved in basement flooding.	February 2022 Michigan
Bishai v. Kona Grill Inspection of commercial forced air heating unit involved in burn injury.	January 2022 Michigan
Branch v. Allegiant Nonstop, et al. Inspection and testing of exemplar arcade machine involved in tip-over accident.	November 2021 Michigan
McPartlin v. RK and R&N Inspection of commercial truck lot water downspout system involved in slip and fall on ice.	August 2021 Michigan
Watson v. Walmart Inspection and testing of floor mat and tiles at retail store involved in slip and fall.	August 2021 Michigan
Scotto-DiVetta v. Kwaske Inspection of residential property water drainage involved in buyer-seller dispute.	March 2021 Michigan
Pioneer, et al. v. 20 Fulton Street East, et al. Inspection and testing of high-rise apartment entry doors and locking mechanisms.	October 2020 Michigan
Bortell v. Dynamic Pools and Spas Inspection of residential in-ground pool surface cracking involved in buyer-seller dispute.	October 2020 Michigan
Kolk v. Stricker, et al. Inspection of residential deck and guardrail system involved in fall from height.	September 2020 Michigan
Branch v. Allegiant Nonstop, et al. Inspection of arcade and testing of subject arcade machine involved in tip-over.	August 2020 Michigan
Lopus v. Bay City Lodging Inspection and testing of painted sidewalk surface at hotel involved in slip and fall.	June 2020 Michigan
El-Jamaly v. Kirco-Mannix Construction, et al. Inspection of overhead power lines and concrete finishing tools involved in electrocution.	March 2020 Michigan

Reimer v. Construction Contract Group, et al. Inspection of sink water lines and connection components involved in home flooding.	March 2020 Michigan
Insurance Inspection Inspection of seed treater at farm supply co-op involved in entanglement.	March 2020 South Dakota
Bullimore v. Kansas City Power & Light Company Inspection of coal-fired power station involved in whistleblower OSHA violation claims.	February 2020 Missouri
Ditterline v. Hamilton County Coal Inspection of hydraulic airlock doors involved in crushed-by accident in coal mine.	January 2020 Illinois
Reitter v. Navien Inspection of instant-on water heater involved in carbon monoxide poisoning.	October 2019 Ohio
Stewart v. Byron Township Motel Inspection of hotel room floor and door threshold involved in trip and fall.	July 2019 Michigan
Pansier v. Deere & Company, et al. Inspection of dairy farm manure pit and tractors/scrapers involved in rollover.	November 2018 Wisconsin
Navarro v. Island Rafts and Toys, et al. Inspection and testing of recreational foam mat and public beach involved in neck injury.	September 2018 Michigan
Stensland v. Cavallo Bus Lines Inspection of commercial bus control panel involved in highway vehicle collision.	July 2018 South Dakota
Kitchen v. Kappen Inspection and testing of tractor and parking brake involved in runaway.	April 2016 Michigan
Lobo v. Ninja Jump, et al. Inspection of inflatable bouncy boxing ring involved in traumatic head injury.	July 2015 Texas
Insurance Inspection Inspection of residential plastic piping system involved in apartment building flooding.	April 2015 Michigan
Caldwell v. Andrick, et al. Inspection of tractor and custom towing implement involved in rear rollover.	November 2014 Michigan
Bruce v. CAV International Inspection and testing of aircraft belt loader handrail system involved in fall from height.	January 2014 New York
Prieur v. Culver Excavating Inspection and testing of back-hoe involved in struck-by incident.	March 2013 Michigan