

## **Gary A. Tillery**

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## **CURRICULUM VITAE**

### **AREA OF EXPERTISE: AUTOMOTIVE STANDARD OF CARE – TIRE STORES / AUTOMOTIVE**

Evaluate Tire/Auto Repair Shop compliance with Industry Standards in regard to the sale and servicing of tires, wheels and supporting infrastructure.

### **EDUCATION**

Bachelor's Degree in Mechanical Engineering, San Diego State University

### **EXPERIENCE**

#### **Tires:**

- Tire and Wheel Nomenclature
- UTQG and DOT Tire Nomenclature
- Passenger Tire Installation and Repair
- Off the Road and Commercial Truck Tire Installation
- Effects of Tire Aging
- Effects of Low Inflation Pressure
- Tire Pressure Monitoring Systems
- Tire Construction Radial and Bias
- Wheel Torque
- Tire Tread Pattern
- Foam Fill Commercial and Heavy Equipment
- Tire Recall and Warranty Processing

#### **Forensics Training:**

- Tire Forensics (SATAI) - Sept. 2014  
Thomas R. Giapponi
- Vehicle Technology/Vehicle Dynamics Forum (SEMA) – Nov. 2014  
John Waraniak, SEMA VP Vehicle Technology
- CSA, Changing Face of Truck Tire Service (SEMA / TIA) – Nov. 2014  
Kevin Rohlwing TIA training
- Risk Management and Standard of Care (SEMA / TIA) – Nov. 2014  
Kevin Rohlwing / Laramie Sandquist TIA training
- Understanding CAN Codes (AAPEX) – Nov. 2014  
Steve Caruso
- Diagnosing the Connected Vehicle (AAPEX) – Nov. 2014  
Ben Johnson
- Crash Data Retrieval Technician Tech Level 1 and 2 (Collision Safety Institute) – Dec. 2014  
Doug English
- CTS-200SW, Basic Commercial Tire Service Training - Tire Industry Association,  
Jan. 2015 – on line

- Advanced Testifying Skills for Experts ( 2 SEAK) - Jan. 2015  
Steven Babitsky, Esq.
- ATS-400 Certified Automotive Tire Service Trainer - Tire Industry Association,  
April 14-17, 2015 - Matt White  
August 11, 2017- Recertification
- CTS-400 Certified Commercial Truck Tire Service Instructor - Tire Industry Association,  
April 27-May 1, 2015 – Kevin Rohlwing  
August 24, 2017-Recertification
- Training More than Tires (SEMA/TIA) – Nov. 2015  
Kevin Rohlwing TIA Training
- Tire Pressure Monitoring Systems (TPMS) for Trucks (SEMA/TIA) –Nov. 2015  
Matt White -TIA Training
- TM5- Truck Tires at 10: The Facts about Torqueing Wheels (SEMA/TIA) –Nov. 2016  
Kevin Rohlwing TIA Training
- How Bias Can Affect Your Case-Forensic Expert Witness Association (FEWA) -Feb.11, 2017  
Raquel Cohen, Esq.
- Dealing With High Conflict People - Forensics Expert Witness Association (FEWA) -Feb. 11, 2017  
John Edwards, Esq.
- Prep for Depo - Trial Forensics Expert Witness Association (FEWA) – Sept. 26, 2017  
Sean Simpson, Esq.
- Basic Concepts - TPMS-Best Practices - TPMS-WEBINAR - Oct 12, 2017  
Schrader Trainer- W. Rippetow
- Basic Alignment Tips and Training - Hoffman Alignment Systems-- Oct. 12, 2017  
Bob Ryan Service Tech/Escondido office
- Tips on How Lawyers Find Experts - Forensics Expert Witness Association (FEWA)- Nov. 2016  
Mark Nadeau, Esq.
- TM2- Truck Tires at 10: Wheel Torque for Trucks and Trailers (SEMA/TIA)- Oct. 30, 2018  
Kevin Rohlwing TIA Training
- TM5- Truck Tires at 10: Preventing Irregular Tread wear (SEMA/TIA)- Oct. 31, 2018  
Kevin Rohlwing TIA Training
- American Trucking Association/ Technology Maintenance Council (ATA/TMC) Conference  
March 18-21<sup>st</sup>, Recommended Practices review, Task Force S.2-Tire and Wheel

## **PROFESSIONAL HISTORY**

**2018** Consultant and Trainer in Retail Sales for Tire Dynamics – San Diego, California

**2013 – Present** Consultant/Expert Witness

**1986 - 2013** TIRE DEPOT, INC. – San Diego, California

Established, developed and managed an independent wholesale/retail automotive tire store with a tire volume of over 13,000 tires a year with a ten employee workforce. Acted on behalf of *Michelin America Small Tires* (MAST) as an associate dealer for Michelin, Uniroyal and BF Goodrich. Also marketed Goodyear, Falken, Pirelli, Sumitomo and many other tires. Inspected and evaluated over 500 tires for warranty consideration of many makes of tires used on both foreign and domestic models of cars and light trucks; including, motor homes, box trucks, off-the-road vehicles, heavy equipment and commercial light trucks. Sold and installed Poly Fill (foam fill) for commercial use in heavy

construction equipment. Processed two manufacturer tire recalls: the Firestone (Ford Explorer) tire and BFG tire recalls of 2000 and 2012. Familiar with the industry *Tire Guide* and various manufacturer tire fitment guides for authorized safe tire sizing substitutions and Plus 1, 2, 3 conversions. In addition, have used Load Inflation Tables from Tire and Rim Association for correct tire loading application. Analyzed hundreds of tire failures to determine possible manufacturer defects, road hazard or customer misuse. Reviewed employee quality of inspection, repair and alignment of hundreds of autos and light trucks, including the rebuilding of suspensions. Established employee training programs and enforced safety procedures for proper tire installation techniques. Established company policy guidelines for tire fitness. Administered Cal / OSHA program. Set standards for customer and employee relations.

**1985-1986** "Gas" Island Sales

Co-Owned a tire wholesale company selling to 26 service stations and garages in San Diego.

**1983-1985** Pearl Harbor Shipyard, Department of Defense Nuclear Test Engineer.

Duties included preparing test procedures for repairs of nuclear related steam and reactor systems, instruction and preparation of remedial courses for new test engineers. Collateral duties included directing over 20 engineer "new hires" while building and designing new office spaces during shipyard shutdown.

**1978-1983** EDUCATION

San Diego State University, BSME

**1972-1978** UNITED STATES NAVY

Nuclear Machinist's Mate Petty Officer First Class (E6), Nuclear Power Plant Operator on a Nuclear Submarine

Operated and maintained equipment in engineering spaces during operational and maintenance periods. Maintained quality control logs underway and refit. Ships emergency welder while underway. Maintained personal radiation log.

**MEMBERSHIPS and AFFILIATIONS**

Society of Automotive Engineers (SAE) Member

Tire Industry Association (TIA) Member

California Tire Dealers Association (San Diego Chapter past President and Vice-President)

California Tire Dealers Association (Past Board of Directors)

U. S. Tire Manufacturers Association (USTMA) (Previously known as RMA) subscriber

Tire Society Subscriber

Technology & Maintenance Council (TMC) Member

San Diego Nice Guys Charity Organization (Board of Directors) Member

Chairman Nice Guys Charity Christmas Event (Past)

Irish Congress of Southern California (ICSC) Member

Friendly Sons of St Patrick Member

United States Submarine Veterans Inc. Member