

# Curtis Anderson

Mechanical Engineer

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## **LICENSURE:**

Texas Professional Engineer, License 132160

Arkansas Professional Engineer, License 18817

Oklahoma Professional Engineer, License 31067

Louisiana Professional Engineer, License 43583

## **EDUCATION:**

BS, Mechanical Engineering, University of Texas Dallas, 2014

## **AFFILIATIONS:**

MEMBER, National Association of Fire Investigators (NAFI)

MEMBER, International Association of Arson Investigators (IAAI)

MEMBER, Society Plastics Engineers (SPE)

## **EXPERIENCE:**

**Goodson Engineering**, *Mechanical Engineer*, Denton, TX, Sept 2018 - Present

**Peterbilt Motors, Inc.**, *Design Engineer*, Denton, TX, Jan 2015 - Aug 2018

## **CONTINUING EDUCATION:**

Geometric Dimensioning and Tolerancing

06/2020 – Ethics and the Fire Investigator, IAAI (3 hours)

06/2020 – Documenting the Event, IAAI (4 hours)

06/2020 – The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, IAAI (2 hours)

06/2020 – Impact Failure of Plastics, SPE

06/2020 – NFPA 1033 and Your Career, IAAI (2 hours)

06/2020 – Residential Natural Gas Systems, IAAI (3 hours)

06/2020 – Arc Mapping Basics, IAAI (4 hours)

05/2020 – Understanding Undetermined, IAAI (3 hours)

05/2020 – Introduction to Evidence, IAAI (4 hours)

04/2020 – Introduction to Appliances, IAAI (3 hours)

04/2020 – Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, IAAI (3 hours)

04/2020 – Investigating Motor Vehicle Fires, IAAI (4 hours)

03/2020 – UV Effects on Plastics, SPE

01/2020 – Fourier Transform Infrared Spectroscopy in the Failure & Compositional Analysis, SPE

12/2019 – Fundamentals of Residential Building Construction, IAAI (3 hours)

11/2019 – Fire Flow Analysis, IAAI (3 hours)

11/2019 – Residential Electrical Systems, IAAI (4 hours)

11/2019 – Basic Electricity, IAAI (4 hours)

10/2019 – Degradation Failure of Plastics, SPE

10/2019 – Critical Thinking Solves Cases, IAAI (4 hours)

10/2019 – Fire Chemistry, IAAI (3 hours)

09/2019 – Introduction to Design for Rotational Molding, SPE

09/2019 – Understanding Failure Rate in Plastic Components, SPE

09/2019 – Motor Vehicles: Transmission, Exhaust, Brake, and Acc Systems, IAAI (3 hours)

07/2019 – Critical Evaluation & Testing of Common Accidental Causes, IAAI (3 hours)

04/2019 – Basic Rubber Technology, SPE

03/2019 – Fire Investigation Training Program – NAFI

02/2019 – Creep Failure of Plastics, SPE

01/2019 – Understanding Fire Through the Candle Experiments, IAAI (4 hours)

11/2018 – Investigation of Gas and Electric Appliance Fires, Fire Findings

10/2018 –The Scientific Method for Fire and Explosion Investigation, IAAI (3 hours)

**PRESENTATIONS:**

02/2020 – Residential Water Losses – Goodson Engineering: Flood

04/2019 – Neon Sign Fires – Goodson Engineering: Ignite Burn Learn