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**VINCE D. FUCINARO, P.E.**  
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Mr. Fucinaro is a Staff Consultant located in the Omaha, Nebraska office of Engineering Systems Inc. (ESi). He is part of ESi's Rail Practice Group.

Mr. Fucinaro has five years of experience specializing in failure analysis, metallurgical analysis, and materials testing. His work experience spans multiple industries including automotive field failure investigation and composite material development and characterization. His experience includes universal servo-hydraulic tensile testing machines to perform tensile, fatigue and dynamic testing, optical microscopy, metallographic sample preparations equipment, the use of microhardness Brinell and Rockwell testing equipment.

Mr. Fucinaro's experience includes field testing, data acquisition & processing, onsite third-party quality assurance, and failure reconstruction for analysis and improvement.

## **Areas of Specialization**

Metals  
Polymers and Composites  
Design Analysis  
Manufacturing  
Strain Gaging

## **Licensed Professional Engineer (P.E.)**

State of Nebraska, License E-21045

## **Education**

B.S, Materials Engineering, Iowa State University, 2014

## **Positions Held**

### **ESi, Omaha, Nebraska**

Staff Consultant, 2024 - present

### **Lincoln Industries, Lincoln, Nebraska**

Quality Engineer, 2021-2023

### **Tethon 3D, Omaha, Nebraska**

Materials Scientist, 2019-2021