



# MAN WITHOUT VISION HAS NO FUTURE

**Serving the transportation industry, the Zupancich and Associates LLC (Z&A) team has the expertise and resources to take a vision and make it into a reality. Our goal is to work with our customers and help them become leaders in their respective industries. Z&A is always looking ahead at various designs and ideas that are innovative, state-of-the-art and environmentally friendly. At Z&A - "We believe innovation is the future".**



**ZUPANCICH AND ASSOCIATES**  
"Innovation is the Future"

**Services - Z&A offers Consultant Services for the following Industries:**

**Ø Original Equipment Manufacturing (OEM)**

**Ø Rail Industries**

**Ø Containers for over the road, rail or ship**

**Ø After-Market OEM Components**

**Ø Composites assembly proto-types Large or Small**

**Ø Finite Element Analysis (FEA), Thermal Engineering, Design Engineering, written specification for new or current Products/ Materials and Drawings**

**Ø American Association Railroads (AAR) Assistance or Clarification of Rules**

**Ø Research and Development of new products or materials**



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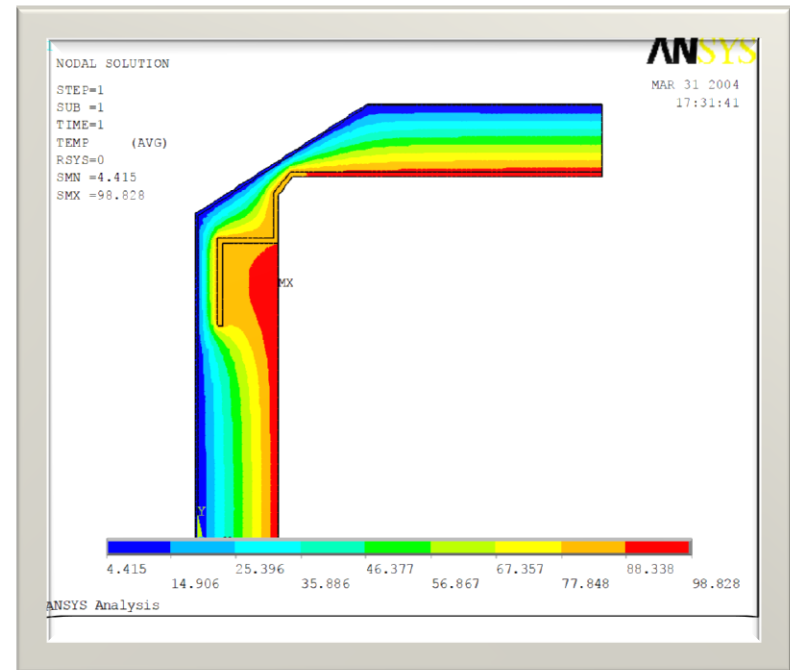
## Engineering Services

Custom Designed Components  
Installation Support

Testing and Evaluation  
FEA Analysis

Thermal and Structural Analysis  
Infrared camera inspection

“UA” design, prediction, and testing



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# **EXPERIENCE – VISION – RESULTS**

**Z&A offers a different perspective from other Consultation firms. As a Consultant Company we offer you a wide variety of services:**

- Z&A Finite Element Analysis, OEM, Environmental, R&D and much more.**
- Z&A offers Professional and Technical advice for your specific needs and applications.**
- Our ability, and organizational strengths meet the challenges of the 21st century.**
- Z&A integrates the Consultant Team, Manufacturing Reps, real-world experience and cutting-edge Technology to reduce timely delays and overhead.**
- Z&A will provide critical resources when it matters most to your company.**



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# ZUPANCICH AND ASSOCIATES SERVICES

**CONTACT RON ZUPANCICH - 843 357 0290**

[ron@zupancich-associates.com](mailto:ron@zupancich-associates.com)

**For more information about this type Railcar**