



**Douglas R. Meyer**  
**Instrumentation and Lead Testing Designer**

Mr. Meyer performs technical consulting to engineering firms, engineers and all types of industrial and manufacturing companies. With his extensive mechanical testing, electrical/electronic testing, industrial machinery and materials analysis background he has been able to contribute to the favorable outcome of a wide variety of projects. His strong background in hands on instrumentation engineering and data acquisition has proved to be of great value to numerous projects.

He has proven experience with design and building of custom test fixtures and control systems. Has developed and executed testing protocols for clients. He has many years of experience with on-site documentation, artifact retrieval from an accident site, artifact transportation to laboratory for further investigation and control of the artifact storage. He specializes in experimental analysis of mechanical systems using strain gages, transducers and data acquisition systems. Has designed and made special transducers to be able to be placed in a mechanical system to record data developed during operation.

**Examples of industrial areas that he has participated in evaluating are:**

Automotive, trucks and buses  
Rail road locomotives, train cars, train car components and service equipment  
Industrial equipment, fork trucks, man lifts, scissor lifts, and power tools  
Water crafts, barges, personal crafts  
Coal power plants  
Steel mills  
Mining- open and deep coal mines, copper mines  
Housing industry – roof, structural, mold and water infiltration  
Fire Arm Testing for the State of California DOJ  
Bicycles and bicycle components  
CMA cookware testing

**Employment:**

2012-Present	Principal & Director, Vantage Technical Services, Inc.
2012-Present	Consultant, Packer Engineering Group
2000-2012	Director of Technical Services, Packer Engineering, Inc.
1987-2000	Technologist, Packer Engineering, Inc.
1982-1987	Technician/Instrumentation Engineer in R&D Group, Miner Enterprise
1979-1982	Technician I & II, Fermi National Laboratory, DOE
1977-1978	Set up Electrician, Chicago Northwestern RR



D.R. Meyer

## **Education:**

B.A. Aurora University, Aurora, IL – Computer Science/Electronics (1985)  
A.A.S. Florida Institute of Technology, Jensen Beach, FL – Electronics Communications (1979)

## **Continuing Education:**

OSHA 10-hour General Industry Safety & Health 2004  
OSHA 10-hour Construction Safety & Health 2001  
OSHA Scaffold user and Confined space course  
Forklift Operator Training  
Respirator Fit Training  
Lockout /Tag-out Training  
Basic Fluid Power, Parker Hannifin  
PADI Certified SCUBA Diver  
Residual Stress Measurement using Blind hole drilling method ASME E837  
MTS 400 Maintenance Training  
Modicon programmable controller training  
AMA Management skills for managers  
AMA Managing technical professional  
Leadership development program