

# Jeff M. Hoffman

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## SUMMARY

Twenty plus years experience in nondestructive testing and inspection in the structural integrity of material (metal and composite) in the petrochemical and aerospace industry, five of which have been in supervisory and management positions. Experience in quality assurance, quality control, operations management, research and development and automated NDE systems. Proficient with computers, programming and databases.

## **PROFESSIONAL CAREER EXPERIENCE**

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DIGITAL WAVE CORP, CENTENNIAL, CO

**August 2007 - Present**

### Modal AE / NDE Technician

- Coordinated and performed Modal Acoustic Emission testing and non-destructive evaluation (NDE) services.
- Analyzed data, measured, and determined the conformance of materials and components to predetermined quality requirements.
- Administered and wrote technical reports, advising on implementation and NDT methodology.
- Researched and investigated material integrity of test objects and worked on application development projects.
- Executed the calibration of electronic testing equipment used for test projects.

IRIS NDT / MATRIX INSPECTION AND ENGINEERING, HOUSTON, TX

**March 2005 – June 2007**

### Senior NDE Specialist

**March 1999 - January 2002**

- Led coordination of NDE projects and assured the quality of services to clients.
- Responsible for promotion and sales of acoustic emission services including preparation of proposals.
- Oversaw and developed data analysis software, ensuring deliverables were met.
- Maintained the intranet and served as the company's Web Site Administrator.
- Developed new techniques and procedures for testing, assuring efforts satisfied agreed prioritization criteria.

QSL/CONAM INSPECTION & ENGINEERING, INC., HOUSTON, TX

**April 2003 – March 2005**

### AE Supervisor

- Responsible for all technical aspects of tests assigned to including procedures, equipment, personnel and reports
- Supervised and conducted Acoustic Emission examinations and assured adherence to standards and processes.
- Assisted in the development of new procedures and methods of applying NDT.
- Interfaced with the customer, providing status on the testing and investigative progress.
- Partnered with the sales team and assisted with explaining technical aspects of sales presentations.

APPLIED INSPECTION SERVICES, BENTON, AR

**January 2002 – February 2003**

### Operations Supervisor

- Established new office location in Houston; maintained overall operations and assured procedures and protocols were followed.
- Managed office operations; daily operations of inspection services, safety, quality, timeliness, and cost efficiency of project execution.
- Provided technical interface for customers, sales, engineering, and project management team.
- Identified product quality issues through audits and order validation process, assuring ISO 9000 compliant.
- Performed NDE projects and supported the investigation of non-conformances and initiated corrective actions.

DET NORSKE VERITAS, HOUSTON, TX

**April 1987 – January 1999**

### Technical Specialist

- Acted as Project Manager for multi- and single-discipline NDE projects.
- In Charge of Software development and writing for analysis of NDE projects.
- Responsible for scheduling and managing projects and personnel.

## PROFESSIONAL TRAINING & CERTIFICATIONS

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PAC – NOESIS Training, September 2003
API – 510 Pressure Vessel Inspector Certification, June 1997
DNV-Project Management, November 1994
Digital Wave- Wave Based Acoustic Emission Testing, June 1994
Microsoft University-Programming in Visual Basic, March 1993
DNV-Metallurgy for the Non-Metallurgist, September 1992
ASNT-Acoustic Emission Testing of FRP Equipment, June 1989
Physical Acoustics Corp.-Acoustic Emission Qualifications, May 1989
Physical Acoustic Corp.-Acoustic Emission Testing, June 1988
Panametrics School of NDT-Level I Ultrasonics, February 1988

## COMPUTER SKILLS

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### **System Software**

Programming in Visual Basic Language, Photoshop, Microsoft Windows Vista, XP, 2000, Microsoft Office, AutoCAD

REFERENCES AVAILABLE UPON REQUEST