

WILLIAM J. RHODES II, PE

Forensic Consulting Electrical Engineer System Engineering And Laboratories (SEAL)

EDUCATION

Bachelor of Science, Electrical Engineering, University of Houston, 1969

CERTIFICATION

Registered Professional Engineer in Texas - No. 37734

PROFESSIONAL MEMBERSHIPS

NAFI, IEEE

NSPE

COURSES TAUGHT

Product Configuration Control, Engineering Drawing Control, Engineering Change Order Procedures, Troubleshooting and Repair of Crane Load Moment Computers, and Installation of Intrinsically Safe Equipment

ADDITIONAL CONTINUING EDUCATION

Ethics, 2005

Engineers As Expert Witnesses, 2005

Vehicle Fires, 2004

Fire and Arson Investigations, 2003

Lighting Strikes, 2003

Electrical Fire Investigation, 2002

1999 National Electric Code Seminar, 2000

Fuel Truck Loading Procedures and Apparatus, 1998

Transient Time High Pressure Gas Flow Metering, 1998

Liquid Flow Measurement, 1996

Flow Computer Configuration, 1994

Root Cause Analysis, 1993

ISO 9000 Procedure Preparation, 1992

The Engineer as Manager, 1991

Gas Orifice Flow Measurement, 1991

QUALIFICATIONS

Analysis of industrial, commercial and residential power systems; electrical equipment and appliance failure analysis associated with personal injury and/or property loss due to fire, explosions, electrocution and/or loss of business revenues; quality systems and production line testing associated with electrical equipment manufacturing; explosion-proof and intrinsically-safe electrical apparatus; primary and secondary battery powered equipment, solar powered equipment, battery charging and testing systems; intrinsically Safe and explosion-proof Electrical equipment and installations in NEC and IEC hazardous locations; low voltage power distribution system design per the NEC, AC and DC low voltage electrical system failures; project engineering of large systems onshore and offshore; lift crane load-moment instrumentation; gas and liquid commodity custody transfer instrumentation and applications; embedded software, software applications and software verification procedures; electronic circuit analysis; and lightning strike/power surge losses.

EXPERIENCE

2001 - Present Consulting Engineer in Private Practice

2000 - 2001 Hernandez Engineering, Inc.

1990 - 1999 Daniel Industries, Inc.

1979 - 1990 Markload Systems, Inc.

1974 - 1979 Mark Products, Inc.

1972 - 1974 Input/Output, Inc.

1970 - 1972 Western Geophysical Co.

1969 - 1970 Acoustron Corporation

