



Midwest Service Center

Michael D. Maccanelli, P.E.

Forensic Electrical Engineer

Bloomington, Illinois

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EDUCATION:

Purdue University
W. Lafayette, IN
Bachelor of Science
Electrical Engineering

EMPLOYMENT:

Unified Investigations & Sciences, Inc.
Bloomington, IL
Forensic Electrical Engineer
July 2008 to Present

TRC Solutions, Inc.
Bloomington, IL
Forensic Electrical Engineer
October 2007 to June 2008

EFI Global, Inc.
Carol Stream, IL
Forensic Electrical Engineer
June 2003 to September 2007

MDM Engineering & Forensic Services
Golden Valley, MN & Mobile, AL
Forensic Electrical Engineer
July 1987 to June 2003

EMPLOYMENT (CON'T):

Associated Consultants Engineers, Inc.
Plymouth, MN
Staff Electrical Engineer
June 1997 to September 1997

Loram Maintenance of Way, Inc.
Hamel, MN.
Project Engineer
July 1991 to June 1997

KFA Engineering, Inc.
Plymouth, MN
Staff Electrical Engineer
October 1990 to July 1991

M & S Products
Roseville, MN
Manufacturing Co. Owner/Manager
February 1980 to October 1990

Cytrol, Inc., Bemis Co. Inc., Lawson Associates,
Ramsey County, Control Data Corporation
Twin Cities, MN
Consultant/Senior Programmer
April 1970 to February 1980

Control Data Corporation
Arden Hills, MN
Production Test Supervisor/Electrical Engineer
April 1965 to April 1970

MILITARY EXPERIENCE:

US Air Force
Stead AFB, Nevada
Computer Maintenance Officer
July 1962 to April 1965

SPECIALIZED TRAINING:

- Titan Continuing Education, Short Circuit Testing & Overvoltage Device Coordination, September 2007, 7 hours- Tested.
- Titan Continuing Education, Electrical Principles & Practice, September 2007, 8 hours- Tested.
- Titan Continuing Education, Applied Ethics for Engineers, September 2007, 4 hours- Tested.
- National Forensic Training Institute, Structure Earthquake & Fire Investigation Seminar, December 2006, 8 hours- Tested.
- National Forensic Training Institute, Vehicle Fire Investigation Seminar, September 2006, 8 hours- Tested.
- EFI Global, Fire Investigation Seminar, September 2006, 16 hours- Tested.

EXPERIENCE:

Personally investigated approximately 1000 cases. Investigations included fires, electrocutions, lightning strikes and other electrical malfunctions.

FOREIGN ASSIGNMENTS:

Mr. Maccanelli has investigated a lightning strike incident on the Island of Guam and a fire case in the Bahamas.

PROFESSIONAL ORGANIZATIONS:

International Association of Arson Investigators (IAAI)
National Fire Protection Association (NFPA)

COURT QUALIFICATIONS:

Expert witness – Electrical Engineering
State Court, Minnesota and Illinois
Federal Court, Island of Guam

LICENSURE:

Licensed as a Professional Engineer in:
Alabama, Florida, Illinois, Indiana, Iowa, Minnesota,
Mississippi, Missouri & Wisconsin