

CURRICULUM VITAE FOR MAZEN J. HABASH, P. ENG., CFEI

EDUCATION

Degree - Bachelor of Engineering (1986)
McMaster University, Hamilton, Ontario
Department of Electrical and Computer Engineering

PROFESSIONAL LICENCE

- Association of Professional Engineers of Ontario
Professional Engineer since 1988
Consulting Engineer since 1994

CERTIFICATION

- National Association of Fire Investigators
Certified Fire and Explosion Investigator
- The Canadian Alarm and Security Association
Certified Level One Technician (1995)
- The Canadian Alarm and Security Association
Certified Level Two Technician (1999)

TECHNICAL ASSOCIATIONS

- Member - Institute of Electrical & Electronics Engineers
- Member - Canadian Society for Electrical and Computer Engineering
- Member - International Association of Arson Investigators
- Director - International Association of Arson Investigators (Ontario Chapter)
- Member - Canadian Association of Fire Investigators
- Member - National Association of Fire Investigators
- Member - Canadian Society of Forensic Sciences (Engineering Section)
- Member - Canadian Fire Safety Association
- Member - International Association of Electrical Inspectors
- Member - Canadian Alarm and Security Association

PROFESSIONAL EXPERIENCE

- Investigated over 1,900 Forensic Incidents
- Qualified as an expert witness in both civil and criminal courts in three provinces

July 1991 to Present

- Partner with **Origin and Cause Incorporated**, Ancaster, Ontario
- Investigation of structural and electrical equipment fires
- Investigation of electrical and electronic appliance and equipment malfunctions.
- Investigation of alarm and control systems
- Investigation of computer and electronic losses

1986 to June 1991

- Associate with **Forensic Engineering Incorporated**, Burlington, Ontario
- Co-ordinator of in-house computer network
- Involved in investigation of computer and electronic losses
- Involved in fire investigations related to electrical and electronic appliance malfunctions

EDUCATION AND TRAINING

International Association of Arson Investigators
- Evolving Issues for Investigation of Indoor Drug operations

Fire Findings
- Investigation of Gas and Electric Appliance Fires

Joint International Association of Arson Investigators and
Canadian Association of Fire Investigators
- Electrical Equipment / Post Fire Analysis

Canadian Alarm and Security Association
- Alarm Technician Training Program Level Two

International Association of Arson Investigators
- Fire Investigation / Arson Task Force Seminar

EPIC- Ontario Electrical Safety Code

EDUCATION AND TRAINING Continued

International Association of Arson Investigators

- Fire Investigation Techniques

Canadian Association of Fire Investigators

- Vehicle Fire Investigations

Office of the Fire Marshal & Royal Insurance

- Guide for Fire and Explosion Investigation

Canadian Association of Fire Investigators

- Fire Investigation Techniques

International Association of Arson Investigators

- Rural Fire Investigation

The Canadian Alarm and Security Association

- Alarm Technician Training Program

National Association of Fire Investigators

- Mathematical Computer Fire Modelling Training Seminar

- Determining the Cause and Origin of Fires And Explosions Seminar

University De Sherbrooke

- Electrical Fire Investigation

International Association of Arson Investigators

- Advanced Fire Investigations

University of Toronto

- Electrical and Mechanical Equipment

University of Wisconsin

- Electrical Hazards And Accidents In Industry

International Association of Arson Investigators

- Effective Utilization of Experts in Fire Investigations

EDUCATION AND TRAINING Continued

International Association of Arson Investigators
- Fire Investigation Training Seminar/Fraud Fires

University of Wisconsin
- Technical Fundamentals for the Fire Investigator

Accelerated Learning
- Computer Viruses

International Association of Arson Investigators
(Ontario Chapter)
- Fire/Arson Investigation

Criminal Justice Training Centre
(Macomb Community College - Michigan)
- Fire/Arson Investigation

University of Wisconsin
- The Engineering Expert and the Courts

Integrated Computer Systems
- Hands-on Microprocessor Troubleshooting
- Computer Network Management and Control

Drake Computer Training
- Novell Network Management

Centre for Advanced Professional Education
- Upgrading, maintaining, repairing microcomputers

General Instrument
- Seminar on surge protection techniques

International Electrical Conference
- Power Quality
- Power Disturbances
- Computerized Power Monitoring

PRESENTATIONS

- Lectured on many occasions on Electrical Failures and Malfunctions
- Lectured on many occasions on Appliances Fires
- Lectured N.F.P.A. 921 Fire and Explosion Course 2002
- Lectured N.F.P.A. 921 Fire and Explosion Course 2003
- Lectured to the Insurance Industry on Computer & Electronic Hardware Damage
- Trained Insurance, Police and Fire Department Personnel on Fire Investigations
- Lectured to the Insurance Industry on Alarm systems
- Lectured at the 48th Annual Seminar of the International Association of Arson Investigators
- Lectured at IAAI and CAFI Seminars on Fire Investigations

OTHER

Authored an article for "Without Prejudice" and "The Canadian Independent Adjuster" entitled Computer & Electronic Hardware Damage

Authored an article for "Without Prejudice" entitled Alarm Systems Used As An Investigative Tool.