

Curriculum Vitae

Steve Baker

Current Position

Fire Investigator and Principle with Fire Pro Investigations Ltd.

Work Experience

2003 to Present – Fire Pro Investigations Ltd.

Origin & Cause investigations, examination of all electrical components, wiring systems, appliances etc for fire cause or responsibility, Electrical design analysis.

2001 to 2012 – Superintendent of the City of Vancouver, Electrical Services.

Assisted the Vancouver Fire Rescue Investigation Division in major fires involving death or large dollar losses that had electrical issues. Developed the Electrical Apprenticeship Program for the City of Vancouver. Held the office of Safety Committee Chair responsible for safety coordination and electrical accident investigations for the City of Vancouver.

1993 to 2001 – City of Vancouver Electrical Services

Installation and maintenance of various electrical systems including high voltage systems, power distribution, generation, gas transmission, industrial control systems, fiber optics, DC overhead systems.

1991 to 1995 – Online Enterprises Ltd.

Owner and Operator responsible for the installation, design and maintenance of electrical systems

1989 to 1991 – MacMillan Bloedel Island Paper Mill

General Foreman responsible for construction, installation, field design and accident investigation

1987 to 1988– Canadian Pacific Railway Mount MacDonald tunnel construction –

General Foreman responsible for all electrical installation and construction

1986 to 1987 – Ontario Hydro

Electrician working on the rebuilding of the Pickering Nuclear Reactor

1985 to 1986 – Electrician working for various electrical contractors

1983 to 1985 – Electrician at the Goldstream Mines in Revelstoke, BC

1977 to 1983 – Apprentice Electrician at the Columbia Hydro high voltage generating station

Education and Training

2013 - NAFI International Vehicle Fire, Arson & Explosion Investigation Science and Technology Seminar

2012 – NAFI Canadian National Advanced Fire, Arson & Explosion Training

1977 to 2012 – Courses and Seminars

Construction Claims Management, Electrical Design, Electrical Estimating, High Voltage Safety, High Voltage Safety and Control, High Voltage Equipment Installation, High Voltage Cable Splicing, Bonding and Grounding, SCADA and

Telemetry, Canadian Electrical Code, Testing and Commissioning High Voltage Equipment, Process control, Data / Telephone Installation, Power Distribution, Uninterruptible Power supply Systems,

2009 - IAAI International Convention in Dallas, Texas (36 hours)

2008 - Ignition of Liquid, Gases and Solids by Hot Bodies "IAAI" (4 hours)

2007 - Fire Prevention Officers Association – Intermediate Fire Investigation

2006 - International Association of Arson Investigators – Basic Fire Investigation

1993 - Electrical Project Management – Arizona State University

1992 - Advanced Project Management – Notre Dame University – South Bend, Indiana

1978 to 1982 - Electrical Trade School – University College of the Caribou

Certifications

NAFI Certified Fire and Explosion Investigator (CFEI) 18090-9866

NAFI Certified Vehicle Fire Investigator (CVFI) 18090-9866V

Interprovincial Electrical Certificate of Apprenticeship – Province of British Columbia

Field Safety Representative (FSR) Class A – BC Safety Authority

Instructing

2014 – IAAI - Electrical Arc Mapping

2014 – BC Safety Authority – Electrical fire Investigation

2014 – IAAI – Clandestine Labs Electrical Causation and Safety

2010 – IAAI Fall Seminar – Instructed on Electrical Causation & Developed Test Burn Scenarios

2009 – IAAI Spring Seminar – Electrical Systems in New Construction

2009 – IAAI - Hands Across the Border – Recognizing & Securing Electrical Components at Fire Scenes

2008 – IAAI – Electrical Causation

2006 – Basic Fire Investigations - Vancouver Fire & Rescues – Electricity and Fire

2005 – Lower Mainland Fire Investigators – Fire Investigation and Electricity

2001 to 2012 – City of Vancouver Electrical Apprenticeship Director – developed and designed the electrical Apprenticeship Program for the City of Vancouver

Courtroom Experience

Have given expert opinion in the Supreme Court of British Columbia

Test Burns

IAAI – Assisted with scenarios for live burns at the 2009 Spring Seminar & the 2010 Fall Seminar

Fire Prevention Officers Association - Developed scenarios used in demonstrating electrical causes in the live burn component of the Intermediate Fire Investigation Course Testing low voltage systems for ignition capabilities.

Membership

International Association of Arson Investigators (IAAI)

International Association of Arson Investigators (IAAI) BC Chapter 15 – Board Member

National Association of Fire Investigators (NAFI)