

Kevin Abbott

CD, C. Tech, CFEI, CFII



1336 Sandhill Drive,
Ancaster, Ontario
L9G 4V5

CERTIFICATION

Industrial Electrician (442A)
Gas Technician (G1)
Petroleum Mechanic (PMH, PM3)
Certified Fire and Explosive Investigator (CFEI)
Certified Fire Investigator Instructor (CFII)
Certified Technician (Electrical Discipline)

PROFESSIONAL AFFILIATIONS

Member – NAFI National Association of Fire Investigators
Member – The Ontario Association of Certified Engineering Technicians and Technologists

PROFESSIONAL EXPERIENCE

Kevin is a Certified Fire and Explosion Investigator, Fuels Specialist, and Certified Fire Investigation Instructor. He has 15 years of experience in the fuels industry and over 20 years in the skilled trades as an Industrial Electrician. As such, Kevin has in-depth knowledge of technical codes and regulations. His investigative experience includes industrial, commercial, residential and vehicle fires and explosions, incendiary fires suspected to have a fuel involvement, natural gas pipeline fires and gaseous explosions. Kevin has given evidence in Provincial Court.

December 2022 to Present

Fuels Specialist and Fire Investigator, **Origin and Cause**
Ancaster, ON

- Investigate all structural fires and explosions
- Prepare technical reports outlining origin and cause
- Provide technical expertise for hydrocarbon related fires and explosions

2021 to December 2022

Regional Supervisor, **Technical Standards and Safety Authority**
Southwestern Ontario

- Responsible for individual team member performance reviews, establishing goals, allocation of resources, training, coaching, and mentoring
- Addressing health and safety protocols and ensuring all necessary protective equipment are utilized and maintained
- Member of the interview team for new hires, promotions, and internal transfers
- Responsible for deliverables on assigned key performance indicators (KPI's)
- Manage system enhancement opportunities to improve operations
- Strong project management skills
- On-call supervisor for Province of Ontario through the Spills Action Center

2013 to 2021

Inspector, **Technical Standards and Safety Authority**

- Enhance public safety and ensure compliance to the TSSA Act and supporting regulations, codes and standards
- Manage the delivery of program inspection services for fuel oil, natural gas, propane and petroleum sectors
- Conduct inspections; investigate incidents, accidents, and customer complaints; and promote safe practices through education and training activities
- Conduct field approval inspections of unapproved equipment

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- Perform pipeline damage inspections
- Perform fire and explosion investigations
- Conduct fuel contractor audits
- Respond to carbon monoxide exposure incidents
- Assist and advise all Regulatory Agencies when called upon
- Record and maintain records of incidents and investigations to ensure validity
- Project Management; execute critical thinking, planning and risk management
- Responsible for the orientation and training of new and existing employees.

2008 to 2013

Gas Technician G1, **Arc Boiler Repair Ltd.**

- Responsible for the installation of natural and propane gas lines for residential, commercial, and industrial applications
- Experience in installation and repair of natural gas/propane fueled combustion units including boilers and material drying equipment
- Experience in high-pressure steam applications and safety procedures
- Responsible to repair natural gas/propane fired appliances and related water and steam pipe systems
- Perform preventative maintenance of commercial and industrial process ovens and steam systems
- Field Approval of unapproved equipment

1999 to 2008

Industrial Electrician, **Chromeshield Co.**

- Comprehensive experience in the repair and maintenance of motors, control panels, and major mechanical and electrical systems, including timers, circuit breakers, feeders, coils, and relays
- Experience in commercial and residential electrical wiring, repair, and maintenance, as well as mechanical system troubleshooting
- Effectively trained in system repairs, operations, and procedures; use of multi-meters and oscilloscopes
- Specialized in electronic testing and combustion equipment. Testing equipment including multi-meter (voltage, resistance, capacitance, amperage) Combustible Gas Detector (Carbon Monoxide, Oxygen Content, Temperature, Efficiency)
- Experience in electrical power plant generating stations (co-generation plants)
- Responsible for the repair and maintenance of AC/ DC, single-phase motors, 3-phase motors and dynamic braking systems
- Perform industrial wiring and mechanical repair of automated polishing equipment
- Perform routine preventative maintenance of automated hoist systems and large capacity rectification
- Use troubleshooting skills for a broad range of electrical operations and equipment
- Responsible for the continuous upgrade of electrical systems to comply with the Canadian Electrical Code

1994 to 2011

Volunteer Army Reservist (Infantry)/Infantry Section Commander/ Platoon Warrant Officer, **Department of National Defence**

- Responsible for the training of soldiers, ensuring the necessary safety protocols were followed

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- Responsible for supervision of large numbers of soldiers and equipment under difficult and extended training exercises
- Responsible for Regimental communication equipment and enforcement of standard operating procedures

Operational Experience

North Atlantic Treaty Organization (NATO) Former Yugoslavia (Bosnia and Herzegovina), Operation Palladium (Rotation 2): 1997-1998

- Deployed with the 1st Battalion Royal Canadian Regiment (RCR), Bravo Company, 5 Platoon
- Infantry Section Radio Operator
- Conducted mounted and dismounted patrols
- Responsible for enforcement of the Dayton Peace Accord
- Responsible for intelligence gathering and locating personnel under investigation for war crimes
- Delivered aid to locations devastated by conflict

Training & Qualifications

- Qualification Level QL2/3 – Infantry
- Army Tactical Communication Systems
- Army Junior Leadership Course (JLC)
- Junior Non-Commissioned Officer Course (JNCO)
- Basic Demolitions

AWARDS

- Canadian Decoration
- Canadian Peacekeeping Service Medal
- NATO Service Medal (Former Yugoslavia)

Lectures and Training Delivered

- Propane Utilization and Storage, OAFE Annual General Meeting (Apr 2021)
- TSSA Special Projects, OAFCA Fire Prevention/Public Education Committee Meeting (Feb 2021)
- TSSA Fuel Safety, MNRF (POS) Meeting – London, ON (Nov 2018)
- TSSA Special Projects, ONPHA Conference – Toronto, ON (Oct 2018)
- TSSA Special Projects, FSR Team – Toronto, ON (Jun 2018)
- TSSA Fuel Code Updates, HRAI Meeting – Windsor, ON (Nov 2017)
- TSSA Special Projects, OMFPAO Conference – Windsor, ON (May 2017)
- TSSA Guidelines for Excavation, D' Amore Construction – Windsor, ON (Mar 2017)
- TSSA & Fire Service Common Ground and Who We Are (Public Safety), Fire Prevention Week – Windsor, ON (Oct 2016)
- TSSA Guidelines for Excavation, S & C Construction – Lasalle, ON (Jun 2016)
- TSSA Common Ground, Roy Inch & Sons – London, ON (Jun 2016)
- TSSA Common Ground, RSES Society – Windsor, ON (Apr 2016)
- TSSA Guidelines for Excavation, Clarke Drainage – Blenheim, ON (Mar 2016)
- TSSA Guidelines for Excavation, ORCGA – London, ON (Feb 2016)
- TSSA Guidelines for Excavation, ORCGA – Sarnia, ON (Feb 2016)
- TSSA Guidelines for Excavation, ORCGA – London, ON (Feb 2016)
- TSSA Guidelines for Excavation, Clarke Drainage – Blenheim, ON (Mar 2016)

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- TSSA Common Ground, Clarke Drainage, RSES Society – Windsor, ON (Apr 2016)
- TSSA Common Ground, Clarke Drainage, Roy Inch & Sons – London, ON (Apr 2016)
- TSSA Guidelines for Excavation, Clarke Drainage – Blenheim (Mar 2016)
- TSSA Guidelines for Excavation, ORCGA – London ON (Feb 2016)
- TSSA Guidelines for Excavation, ORCGA – Sarnia, ON (Feb 2016)
- TSSA Guidelines for Excavation, ORCGA – Chatham, ON (Feb 2016)
- TSSA & Fire Service Common Ground and Who We Are (Public Safety), Windsor Fire and Rescue Services – Windsor, ON (Nov 2015)
- TSSA & Fire Service Common Ground and Who We Are (Public Safety) – The City of Niagara Falls (Nov 2015)
- TSSA Mobile Food Service Equipment Presentation, Multi-Cultural Council – Windsor, ON (May 2015)
- TSSA Fuels Distributor Requirements, John Bradley Center – Chatham, ON (May 2015)
- TSSA Guidelines for Excavation, Home Depot – Chatham, ON (Apr 2015)
- TSSA Infraction Procedure/Documentation, Great Lakes Training – Windsor, ON (Mar 2015)
- Code Adoption Document Changes, RSES Society – Windsor, ON (Jan 2015)
- TSSA Guidelines for Excavation, Union Gas – Chatham, ON (Nov 2014)
- TSSA Mobile Food Service Equipment Presentation, Multi-Cultural Council, – Windsor, ON (May 2014)
- TSSA Common Ground and Who We Are (Public Safety), Ontario Electrical League – Windsor, ON
- TSSA Common Ground and Who We Are (Public Safety), RSES Society – Windsor ON
- TSSA Guidelines for Excavation, LICO/DSAO – London, ON
- TSSA & Fire Service Common Ground and Who We Are (Public Safety), Windsor Fire and Rescue Services – Windsor, ON

COURT EXPERIENCE

- Subpoenaed Witness. Windsor (May 5, 2019)
- Issue Summons. Swear Information to Justice of Peace. Windsor (Dec 10, 2018)
- Issue Summons. Swear Information to Justice of Peace. Windsor (Jun 18, 2018)
- Choose Decision Date (Mar 7, 2016)
- Second Appearance. Choose Trial Date. Windsor (Oct 19, 2015)
- Subpoenaed Witness. Windsor (Oct 8, 2015)
- First Appearance. Information Disclosure. Choose Trial Date. Windsor (Sept 21, 2015)
- Swear Affidavit of Service. Windsor (Sept 10, 2015)
- Swear Summons. Windsor (Sept 9, 2015)
- Adjournment. Windsor (Apr 27, 2015)
- Second Appearance. Choose Trial Date. Windsor (Mar 30, 2015)
- Issue Subpoena. Windsor (Mar 5, 2015)
- First Appearance. Information Disclosure. Choose Trial Date. Windsor (Mar 3, 2015)
- Issue Summons. Swear Information to Justice of Peace. Windsor (Feb 5, 2015)
- First Appearance. Information Disclosure. Choose Trial Date. Windsor (Jun 16, 2016)

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- Issue Summons. Swear Information to Justice of Peace. Windsor (May 28, 2014)