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# Kevin Abbott

CD, C.Tech., CFEI, CFII, CVFI, RSE

Fire and Explosion Investigator, Fuels Specialist

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## OFFICE

Burlington

## EMAIL

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## CONTACT

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Kevin is a Certified Fire and Explosion Investigator and Fuels Specialist. He has over 18 years of experience in the fuels industry and over 25 years of skilled trades experience as a Licensed, Red Seal Industrial Electrician. Prior to OCI Group, Kevin spent 10 years as Fuels Inspector/Regional Supervisor with the Technical Standards and Safety Authority (TSSA) which is the Provincial fuels Regulator in Ontario. As such, Kevin has in-depth knowledge of fuels related technical codes and regulations. His investigative experience includes industrial, commercial, residential, and agricultural fires. Kevin also has experience with incendiary fires suspected to have a fuel involvement, natural gas pipeline fires, fuel spills and gaseous fuel explosions. Kevin is also a Certified Vehicle Fire Investigator. Kevin has given evidence in Provincial Court.

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## CERTIFICATIONS

- 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)

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## TECHNICAL AFFILIATIONS

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

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## EDUCATION

### **Southern Alberta Institute of Technology**

Advanced Care Paramedic

Calgary, Alberta, Canada

2001

### **National Board of Fire Service Qualifications**

Fire Service Professional Qualifications

1995

### **Southern Alberta Institute of Technology**

Primary Care Paramedic

Calgary, Alberta, Canada

1991

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## PROFESSIONAL EXPERIENCE

### **Fire and Explosion Investigator, Fuels Specialist**

OCI Group (Formerly Origin and Cause Incorporated)

Burlington, ON

December 2022 – Present

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

### **Regional Supervisor**

Technical Standards and Safety Authority

Southwestern Ontario

2021 – December 2022

- 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

### **Inspector**

Technical Standards and Safety Authority

2013 – 2021

- 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

- 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

### **Gas Technician G1**

Arc Boiler Repair Ltd.

2008 – 2013

- 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

### **Industrial Electrician**

Chromeshield Co.

1999 – 2008

- 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

### **Volunteer Army Reservist (Infantry)/Infantry Section Commander/Platoon Warrant Officer**

Department of National Defence

1994 – 2011

- Responsible for the training of soldiers, ensuring the necessary safety protocols were followed
- 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
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## FURTHER TRAINING & EDUCATION

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

- TSSA & Fire Service Common Ground and Who We Are (Public Safety), Windsor Fire and Rescue Services, Windsor, Ontario (November 2015)
  - TSSA & Fire Service Common Ground and Who We Are (Public Safety), The City of Niagara Falls (November 2015)
  - TSSA Mobile Food Service Equipment Presentation, Multi-Cultural Council, Windsor, Ontario (May 2015)
  - TSSA Fuels Distributor Requirements, John Bradley Center, Chatham, Ontario (May 2015)
  - TSSA Guidelines for Excavation, Home Depot, Chatham, Ontario (April 2015)
  - TSSA Infraction Procedure/Documentation, Great Lakes Training, Windsor, Ontario (March 2015)
  - Code Adoption Document Changes, RSES Society, Windsor, Ontario (January 2015)
  - TSSA Guidelines for Excavation, Union Gas, Chatham, Ontario (November 2014)
  - TSSA Mobile Food Service Equipment Presentation, Multi-Cultural Council, Windsor, Ontario (May 2014)
  - TSSA Common Ground and Who We Are (Public Safety), Ontario Electrical League, Windsor, Ontario
  - TSSA Common Ground and Who We Are (Public Safety), RSES Society, Windsor, Ontario
  - TSSA Guidelines for Excavation, LICO/DSAO, London, Ontario
  - TSSA & Fire Service Common Ground and Who We Are (Public Safety), Windsor Fire and Rescue Services, Windsor, Ontario
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## **AWARDS**

- Canadian Decoration
  - Canadian Peacekeeping Service Medal
  - NATO Service Medal (Former Yugoslavia)
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## **COURT EXPERIENCE**

- Subpoenaed Witness. Windsor (May 5, 2019)
- Issue Summons. Swear Information to Justice of Peace. Windsor (December 10, 2018)
- Issue Summons. Swear Information to Justice of Peace. Windsor (June 18, 2018)

- Choose Decision Date (March 7, 2016)
- Second Appearance. Choose Trial Date. Windsor (October 19, 2015)
- Subpoenaed Witness. Windsor (October 8, 2015)
- First Appearance. Information Disclosure. Choose Trial Date. Windsor (September 21, 2015)
- Swear Affidavit of Service. Windsor (September 10, 2015)
- Swear Summons. Windsor (September 9, 2015)
- Adjournment. Windsor (April 27, 2015)
- Second Appearance. Choose Trial Date. Windsor (March 30, 2015)
- Issue Subpoena. Windsor (March 5, 2015)
- First Appearance. Information Disclosure. Choose Trial Date. Windsor (March 3, 2015)
- Issue Summons. Swear Information to Justice of Peace. Windsor (February 5, 2015)
- First Appearance. Information Disclosure. Choose Trial Date. Windsor (June 16, 2016)
- Issue Summons. Swear Information to Justice of Peace. Windsor (May 28, 2014)