**Letter of Certification Application**

**Certified Fire and Explosion Investigator (CFEI)**

Faizal Fajriansyah

16 August 2002

Nationality: Indonesian

Address: Swadaya Murni 3 RT 003 RW 04, Jatiranggon, Jati Sampurna, Bekasi City, 17432, Indonesia

Email: Faisalfajriansyah1608@gmail.com

Phone: +62 895 1256 5064

To:

National Association of Fire Investigators (NAFI)

Subject: Application for Certified Fire and Explosion Investigator (CFEI) Certification

Dear Certification Committee,

My name is Faizal Fajriansyah, a student of Fire Safety Engineering at Universitas Negeri Jakarta, Indonesia. I am writing to formally apply for the Certified Fire and Explosion Investigator (CFEI) certification. This certification represents a significant step in my professional development and aligns perfectly with my academic background and fieldwork experience.

As a Fire Safety Engineering student, I have gained substantial knowledge and practical experience in fire investigation. My credentials include:

Active participation in fire investigation internships at the Fire and Rescue Laboratory of DKI Jakarta Province, where I analyzed incidents involving electrical disturbances, flammable materials, and explosion phenomena across various settings (residential, commercial, and industrial).

Completion of advanced online training programs through CFITrainer.Net in collaboration with IAAI, where I earned a Principles of Fire Investigation Certificate (67 credit hours). Notable training topics include:

1. Explosion Dynamics
2. Fire Chemistry
3. Physical Evidence at the Fire Scene
4. Investigating Motor Vehicle Fires
5. The Scientific Method for Fire and Explosion Investigation

Development and utilization of a Gas Chromatography-Mass Spectrometry (GC-MS) database for identifying flammable substances, enhancing accuracy and reliability in fire investigations.

These experiences and skills have equipped me with a comprehensive understanding of fire dynamics, investigative methodologies, and evidence analysis. Obtaining the CFEI certification will not only enhance my professional capabilities but also enable me to contribute to the field with greater credibility and adherence to international standards.

Attached to this application, I have included my curriculum vitae and relevant supporting documents. Please let me know if additional materials or information are required. I am available at your convenience via email at Faisalfajriansyah1608@gmail.com or phone at +62 895 1256 5064.

Thank you for considering my application. I look forward to your positive response and the opportunity to join the distinguished group of Certified Fire and Explosion Investigators.

Sincerely,

Faizal Fajriansyah

Jl. Swadaya Murni 3 RT 003 RW 04, Jatiranggon, Jati Sampurna, Kota Bekasi, 17432, Indonesia

**CURRICULUM VITAE**

**FAIZAL FAJRIANSYAH**

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| --- | --- | --- | --- |
| Nama | Faizal Fajriansyah | | |
| Date of birth | 16 august 2002 | National: Indonesia |
| Email address | Faisalfajriansyah1608@gmail.com | | |
| Phone | 089512565064 | | |
|  |  | | |
| A person in a white shirt  Description automatically generated | Pendidikan | Universitas Negeri Jakarta  Bachelor’s Degree in Fire Safety Engineering (2021 – Present)  Vocational High School in Automotive Light Vehicle Engineering (Teknik Kendaraan Ringan Otomotif) (2019 – 2021) |
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**Work Experience and Projects**

**Internship at the Fire and Rescue Laboratory, DKI Jakarta Province**

**Period: 2023-2024**

Details of Fire Investigation Projects:

1. Commercial Building, Jalan Pantai Indah Utara 2, Kapuk Muara, Penjaringan – Electrical disturbances in cable networks.
2. Commercial Building, Jalan Ruko Cempaka Mas, RW.8, Sumur Batu, Kemayoran – Electrical phenomena investigation.
3. Warehouse, Jalan Laut Arafuru, Pondok Bambu, Duren Sawit – Electrical disturbances in cable networks.
4. Distribution Warehouse, Jalan Pulo Buaran 3, Jatinegara, Cakung – Electrical issues in Tube Lamps (TL).
5. Building, Jalan Diponegoro, Pegangsaan, Menteng – Electrical issues in Outdoor AC systems.
6. Office Building, Sudinkes, Jalan Percetakan Negara, Rawasari, Cempaka Putih – Electrical issues in Indoor AC systems.
7. Residential Building, Jalan Papanggo, Tanjung Priok – Investigation of electric motor fire.
8. Copekmart Warehouse, Jalan Keramat Jaya Raya, Tugu Utara, Koja – Fire caused by electrical system faults.
9. Trading Shop, Jalan Penganten Ali, Ciracas – Fire due to electrical disturbances.
10. Residential Building (Garment Factory), Jalan Daud No.5, Sukabumi Utara, Kebon Jeruk – Fire investigation in residential-converted factories.
11. Residential House, Jalan Matraman Raya Gg. Delapan, Matraman – Investigation of electrical fire causes.
12. Water Depot, Jalan Gongseng Raya, Cijantung, Cijantung – Electrical fire investigation.

**GC-MS Database Project**

Developed a Gas Chromatography-Mass Spectrometry (GC-MS) database for flammable materials, serving as a reference for fire investigations.

**Skills**

1. Expertise in fire investigation, including fire pattern analysis and identification of fire origins.
2. Proficient in operating Gas Chromatography-Mass Spectrometry (GC-MS) for identifying flammable materials.
3. Strong analytical and data processing skills for fire investigation based on scientific methods.

**Organizational Experience**

1. BEMP Fire Safety Engineering, Universitas Negeri Jakarta (Head of Talent and Interest Division)

Designed and managed activities to improve technical skills and student interests.

**Online Training and Certifications**

CFITrainer.Net (IAAI Collaboration) – Completed Online Training Programs:

1. Charting Your Career Path in Fire Investigation (3 Credit Hours)
2. Critical Evaluation and Testing of Commonly Reported Accidental Causes (3 Credit Hours)
3. Documenting the Event (4 Credit Hours)
4. Effective Investigation and Testimony (3 Credit Hours)
5. Ethics and the Fire Investigator (3 Credit Hours)
6. Explosion Dynamics (4 Credit Hours)
7. Fire Chemistry (3 Credit Hours)
8. Fire Flow Analysis (3 Credit Hours)
9. Fire Investigator Scene Safety (3 Credit Hours)
10. Fundamentals of Interviewing (4 Credit Hours)
11. Insurance and the Fire Investigation (4 Credit Hours)
12. Introduction to Evidence (4 Credit Hours)
13. Investigating Motor Vehicle Fires (4 Credit Hours)
14. NFPA 1033 and Your Career (2 Credit Hours)
15. Physical Evidence at the Fire Scene (4 Credit Hours)
16. Residential Electrical Systems (4 Credit Hours)
17. Residential Natural Gas Systems (3 Credit Hours)
18. The Scientific Method for Fire and Explosion Investigation (3 Credit Hours)
19. Understanding Undetermined (3 Credit Hours)
20. Writing the Initial Origin and Cause Report (3 Credit Hours)
21. Multi-Program Certificate Earned: Principles of Fire Investigation (67 Credit Hours, October 24, 2024)

**Documentation**

A group of people in a building

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A group of people walking by a building

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A group of men in a destroyed building

Description automatically generated

A person using a tool to drill holes in a wall

Description automatically generated

Two men standing in a ruined building

Description automatically generated

A group of people standing in front of a building

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A person standing in front of a machine

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A person sitting at a desk using a computer

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A group of men wearing helmets with Western Wall in the background

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A group of men standing in front of a destroyed building

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**Transcipt CFI Trainer.NET**

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A close-up of a certificate

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**Academic transcript for semesters 1 through 7**

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