

Application:

Name: \_\_\_\_\_

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City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Telephone: \_\_\_\_\_



BHO Production & Investigation  
June 25, 2024

Maine Chapter IAAI  
P.O. Box 1101  
Auburn, ME 04211-1101

# Butane Hash Oil (BHO) Production and Fire Investigative Techniques

**Tuesday June 25, 2024**

**West Kennebunk Fire**

**80 Thompson Rd, Kennebunk, ME**

**9:00 - 16:00**

**Presented by**

***Maine Chapter of the International  
Association of Arson Investigators***



**P.O. Box 1101 Auburn, ME 04211-1101**

**[WWW.MAINEIAAI.COM](http://WWW.MAINEIAAI.COM)**

## Presenters:

**Gregory Lotoczky** is a IAAI Certified Fire Investigator with the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF). He is currently assigned as a full-time member of the National Response Team and conducts fire investigations throughout the country and locally in the Flint, Michigan area. He has investigated multiple fires involving the manufacture of Butane Hash Oil (BHO) and is currently conducting research into the failure modes of BHO production.

## Program Information:

Butane Hash Oil (BHO) is a recreational drug that has been in use for many years but has recently become more popular as State marijuana laws have been relaxed or repealed. It goes by several names, such as “shatter” or “butane honey oil” but its composition is the same: high concentration tetrahydrocannabinol (THC) in a solid or liquid phase. THC is the active psychedelic ingredient in marijuana and is responsible for the high feeling that users experience.

Marijuana is collected in a vessel and butane is injected over the material. The THC is pulled from the plant material and collected along with the butane. Butane may leak from the apparatus or from the BHO product collected. This fugitive butane is then one spark away from becoming a large-scale explosion.

This presentation will examine the basics of BHO production and the different methods seen in the real world. Several case studies will be examined and a pathway as to how to investigate a fire event involving BHO will be provided.



## Directions From the Turnpike Exit 25:

**SB:** Turn **L** after toll booth onto Alewife Rd. then turn **R** onto Alfred Rd.

**NB:** Take **R** turn onto connector road towards Rt 35. Turn **R** onto Fletcher Rd. Continue onto Alfred Rd.

**Both:** Continue on Alfred Rd. about 8/10 of a mile to intersection with Thompson Rd. Turn **R** on Thompson Rd. and continue for 1/3 mile to the Fire Station. Parking is in rear behind the station.

## Timeline:

Registration	08:30
Class Begins	09:00
Lunch(provided)	12:00
Annual Meeting	13:00
Class Resumes	13:30
Class Ends	16:00
CFI Test (optional)	16:30

## Cost:

\$30.00 for Maine Chapter Members

\$40.00 for Non-Maine Chapter Members

Make all checks payable to:

## Maine Chapter I.A.A.I.

Purchase Orders must accompany registration application.

## Mail application to:

Maine Chapter IAAI  
P.O. Box 1101  
Auburn, ME 04211-1101

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## Message from the Maine Chapter IAAI

The Maine Chapter of the International Association of Arson Investigators was formed in 1992 to further the education and training of fire and arson investigators throughout the State of Maine. The primary goal of the organization is to provide excellent training opportunities for as low a cost as possible to its members. The Directors of the Chapter would like your input as to future training programs you would like to see or any suggested instructors for our programs. Please contact any Director with your needs or suggestions. **Thank You**