Arson Investigation

[Name of the Writer]

[Name of the Institution]

Arson Investigation

Collecting sample, sending for laboratory testing

No opinions could be made

Arson

Fire

Provable materials

Cannot withstand discarded as not provable

Hypothesis

Analyzing data knowledge, experience, and reasoning

Char patterns of materials

Condition of window glass and fragments

Heat Shadow

Type of smoke

Type of flame

Type of burn

Knowledge of fire dynamics and factors related to fire spread

Arson crime scene investigation

While investigating a crime scene, a minor detail is significant in for making or breaking the case. Therefore, to find out the cause of a fire event, the investigators rely heavily on various techniques and observations. It starts from informer signs of flames and ends on satellite imagery and substance laboratory tests. The first thing is to find out the origin of the fire, i.e., from where the fire started. It is from where the investigators identify the main reason for fire, as in such places the ignition through which fire took place is often present (Lentini, 2018). These sources could be a flare, a campfire, ammunition for hunting or any other minor thing.

**References**

Lentini, J. J. (2018). *Scientific protocols for fire investigation*. CRC press.