

Fire Investigator Independent Study Continuing Education

NFPA 921 UNIT #11

NFPA 921 Guide for Fire and Explosion Investigations 2004 Edition

Objective: Given an examination, the participant shall demonstrate a knowledge and understanding of planning the investigation.

Reading/study assignment: NFPA 921 Guide for Fire and Explosion Investigations, 2004 Edition, pp. 921-106 through 921-109 (Chapter 14)

Review the tools and equipment list. Must you always have these with you at an investigation?

Why are weather conditions important to the investigation?

What should the investigator ensure in reference to post-incident orders issued by regulatory agencies?

What considerations help determine the number of investigators assigned?

When should basic information be obtained?

How may the nature and extent of damage affect the investigation?

What should the investigator establish concerning scene security?

Why is date and time of the incident important?

Do the number of people available determine what functions should be performed?

Does the location of the incident have any effect on the investigation?

What effect may the size and complexity of the incident have on the investigation?

What incident investigation concept is recommended?

What basic functions are commonly performed in each investigation?

Why would type, use, and occupancy of the structure be important to the investigation?

An investigation should be preplanned if how many people are involved?

What should be done at a pre-investigation team meeting?

What may the investigator in the private sector need to do in reference to notifying parties?

What should be done in reference to scene security?

What is case management and why should it be utilized?

While planning the investigation, what should the investigator remain aware of?

How may the following individuals assist in a fire investigation?

Materials engineer/scientist

Mechanical engineer

Electrical engineer

Chemical engineer/chemist

Fire protection engineer

Fire engineering technologist

Fire engineering technician

Industry expert

Attorney

Insurance agent/adjuster

Canine teams

What should each investigator on scene be equipped with?

Personal safety equipment includes what items?

Why would specialized/technical consultants be needed and how may they assist in an investigation?

When should resources at your disposal and available from other sources be identified?