

TO ALL MEMBERS AND GUESTS OF NSWAFI

You are invited to attend an Education Night run by the NSW Association of Fire Investigators on the subject of:

An Introduction to Gas Systems

Gas systems are found everywhere. They range from simple gas appliances found in residential dwellings to large, industrial gas systems used to run machinery and equipment. Like electrical systems, they have the capability to start fires, as many gas systems use a flammable gas fuel in conjunction with heating or cooking appliances that produce a significant amount of heat. Fires can result when an appliance breaks down, or when an installation is improperly performed. Determining how gas fires start requires an understanding of how gas appliances work, how they are installed, and the relevant Australian Standards that apply to their installation and use.

This presentation will focus on the different types of gas systems a fire investigator is likely to encounter in their scene examinations. Gasfitter Stuart Fowler and NSWAFI Education Officer Mark Pellegrino will present case studies to illustrate how gas systems can start fires and how these incidents are investigated.

Stuart Fowler is a licenced gasfitter and LP gasfitter who has worked in the gas industry since 1982. Stuart has conducted thousands of installations of gas systems ranging from residential gas systems in freestanding houses, multi-storey apartment blocks and caravans, to commercial sites such as restaurants, takeaway shops and cafes, as well as large industrial gas systems such as furnaces and machinery. Stuart has experience designing, modifying and repairing a variety of gas appliances and is also a qualified certifier, having been responsible for the inspection and certification of LP gas installations across NSW.

Mark Pellegrino is a Senior Forensic Fire Examiner at GKA Investigations Group, a private fire investigation firm based in Sydney. Mark has examined over 700 fires involving structures, motor vehicles, machinery, and watercraft. Mark incorporates his commercial and residential building knowledge, car enthusiast background, and forensic science qualifications into his fire examinations, and provides origin and cause determinations for the insurance industry and related stakeholders such as Police and the Coroner.

VENUE: Fire & Rescue NSW Headquarters
Building B, 1 Amarina Ave, Greenacre

WHEN: Thursday, 7 February 2019 at 18:30 hours

REMEMBER: You do not need to be a Fire Investigator to attend these evenings!

If you wish to attend this event, please complete the [booking form](#) on the NSWAFI website. The booking form is located on the main menu under 'Event Calendar'.



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