

## TO ALL MEMBERS AND GUESTS OF NSWAFI

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

# Fire created from water

## Magnifying the sun's rays after rain.

On 3/11/18 a factory fire occurred at Seven Hills which was one of the biggest fires in Sydney in recent years. As investigations began CCTV footage from inside the factory showed a fire igniting in a pallet of plastic 'Y' shaped splitters used in the roofs of houses for air conditioning ducting. What investigators could not work out was how the fire started.

Investigators were then told that this was the second fire to occur in the same pallets of splitters in the past 6 weeks. Investigators from the private and public agencies teamed up to develop different hypotheses and then decide how to test these hypotheses. Working with the company involved who supplied the exact same pallets for testing which was conducted at FRNSW test facility at Londonderry. What they discovered was that water had formed a circular pool on top of the plastic wrap over the pallet magnified the sun's rays to burn the cardboard between each layer of splitters. This presentation is a summary of this incredible investigation.

Nick Sutarov has been Forensic Fire Examiner with GKA Investigations Group for the past 5 years. Prior to working as a Fire Examiner, he worked for NRMA Insurance for 4 years in various roles. Nick has a Bachelor of Science in Forensic Science Degree from UWS. During his 5 years with GKAIG, he attended over 550 fire scenes and conducted approximately 350 origin and cause examinations to structural and mechanical fires. He examined various large loss fires in VIC and NSW during his time.

**VENUE:** Fire & Rescue NSW Head Office, Building A.

**ADDRESS:** 1 Amarina Ave, Greenacre

**WHEN:** Thursday, 6<sup>th</sup> June 2019 **TIME:** 18:30 hours

**RSVP:** Monday 3<sup>rd</sup> June 2019

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

Please note that RSVPs are no longer taken by email. Instead, please complete the booking form on the NSWAFI website. If you are not a member of the NSWAFI the cost of attending this education night is \$10, which can be paid through the website. The booking form is located on the main menu under 'Event Calendar' or at:

<http://www.nswafi.com.au/booking-form/>.

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