

## Get it Right Seminar

# FIRE ALARM FAULT-FINDING STRATEGIES & TECHNIQUES (Morning)

# VISUAL ALERTING DEVICES TO NZS 4512:2021 – DESIGN WORKSHOP (Afternoon)

*This is a two-part seminar – delegates can attend one or both parts and a CPD certificate will be issued accordingly. Rate includes full day attendance.*



### WHO SHOULD ATTEND

*This Seminar will be ideally suited toward:*

System Designers • Estimators • Lead Installers • Inspectors  
Fire Engineers who do Designs • Senior Supervisors  
Service Technicians • Service Supervisors

### GET IT RIGHT PART 1: Fire Alarm Fault-Finding Strategies and Techniques

This course is aimed at both beginner and seasoned fault-finders. The emphasis will be on the thought processes and procedures underlying effective fault tracing, diagnosis, and repair. The presentation will be interactive and include anecdotes taken from the presenters' lengthy experience in the industry, with the hope that participants will have useful insights and experiences to share too.

- › Common causes of false alarms – diagnosis & mitigation
- › Defect signals, diagnosis, fault-tracing
- › Why a system doesn't alarm when it should?
- › Use of system inbuilt diagnostic facilities

### GET IT RIGHT PART 2: Visual Alerting Devices to NZS 4512:2021 – design workshop

This course is aimed primarily at estimators, system designers, inspectors, fire engineers who do designs, and lead installers, however others may also benefit from attendance.

The presentation will cover the new VAD requirements of NZS 4512:2021, review the specifications and characteristics of some available products, and review system design considerations. It will include practical design exercises to be undertaken by participants, followed by review and discussion of model answers.

It would be helpful to bring along your copy of NZS 4512:2021 and a scale rule.

**DUNEDIN: 12 AUGUST 2025**

KINGSGATE HOTEL  
8.00am – 4.30pm

**CHRISTCHURCH: 14 AUGUST 2025**

COMMODORE HOTEL, Avon North Room  
8.00am – 4.30pm

**WELLINGTON: 20 AUGUST 2025**

SKY STADIUM, East Lounge  
8.00am – 4.30pm

**AUCKLAND: 21 AUGUST 2025**

RNZ YACHT SQUADRON, Quarterdeck  
8.00am – 4.30pm

### INVESTMENT:

- MEMBERS (single) \$300 each\* +GST
- MEMBERS (multiple) \$250 each\* +GST
- NON-MEMBERS \$400 each +GST

*\*Available to FPANZ Financial Members who are fully paid-up.*

Catering is provided for this full day seminar consisting of morning/afternoon tea & lunch.

### PRESENTED BY:



David Sharp



David Prosser



Craig Barnett



## SEMINAR CONTENT

The workshop will be presented in a series of parts covering the following timing and topics:

From 8.00am	Registrations (tea and coffee)
8:30am	Fault-finding
10:00am	Morning tea
10:30am	Fault finding (cont.)
Noon	Lunch
1:00pm	VADs to NZS 4512:2021
2:30pm	Afternoon tea
3.00pm	VADs (cont'd)
4.30pm	Finish

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## PRESENTERS

### David Sharp

David spent 50 years full time in the fire protection industry before retiring several years ago. His experience includes research and development of fire detection products, engineering of fire protection systems in specialist applications, and standards development in both New Zealand and Australia. Since retiring David has worked part time, providing technical expert and consulting services to various clients in the fire protection industry.

Over his lengthy career, David has always been passionate about "getting it right", giving high priority to maintaining his own level of expertise and training and developing others. His qualifications include NZCE and a Postgraduate Certificate in Electronics and ICT. He holds an EWRB NZ Practising License as an Electrical Engineer and is a Registered Engineering Associate and Chartered Member of Engineering New Zealand.

### David Prosser

With over 40 years of specialist experience in fire detection and alarm systems, David retired as Senior Product Manager with Johnson Controls in 2017. He remains actively involved with the wider Fire Protection industry on a part-time basis.

Involved with New Zealand fire detection Standards for more than 25 years, David chaired the NZS 4512:2021 revision project. He also chairs the NZS 4512/14 formal interpretation group and co ordinates New Zealand's input to ISO fire detection Standards.

### Craig Barnett

With 40 years experience in the fire detection industry in all areas of the detection field, he has spent 25 years in technical support and training roles, supporting all areas of the Wormald business. For 8 years he was a technical support engineer and trainer for Johnson Controls Global Products specialising in the Vigilant product range and is currently a technical support engineer for Pertronic Industries. Craig has been involved with the NZS 4512 Standard since 2009.



# REGISTRATION FORM

Fire alarm fault-finding strategies & techniques / Visual alerting devices to NZS 4512:2021

## VENUE OPTIONS

DATE & TIME	VENUE	No. of Attendees
12 August 2025 8.00am – 4.30pm	Kingsgate Hotel, 10 Smith Street DUNEDIN	
14 August 2025 8.00am – 4.30pm	Commodore Hotel, Avon North Room CHRISTCHURCH	
20 August 2025 8.00am – 4.30pm	East Lounge, Sky Stadium 105 Waterloo Quay, Pipitea, WELLINGTON	
21 August 2025 8.00am – 4.30pm	Royal New Zealand Yacht Squadron 181 Westhaven Drive, AUCKLAND	

### NOTE:

- Lunch and refreshments are provided. Please let us know if any attendees have food allergies.
- All prices are per person and exclude GST.
- The Multiple Member discount applies to registrations of 2 or more attendees from the same FPA NZ Member company.
- All attendees receive an FPA CPD certificate continuing their industry training.

NO. OF ATTENDEES	MEMBER (single) PRICE	MEMBER (multiple) PRICE	NON-FPA MEMBERS PRICE	TOTAL
	\$300	\$250	\$400	
			SUBTOTAL	
			GST (15%)	
			TOTAL	

### PAYMENT:

You will be sent an invoice upon registration – please ensure this is paid prior to the seminar.

**TO REGISTER:** Complete this form and email to: [info@fpanz.org](mailto:info@fpanz.org)

CONTACT PERSON	
COMPANY	
POSTAL ADDRESS	
PHONE	
EMAIL	

ATTENDEE NAME	MOBILE PHONE No.	WORKSHOP LOCATION	DIETARY REQUIREMENTS (if applicable)

### PLEASE NOTE:

These workshops have limited seating. Payment is required with registration prior to the workshop in order to secure a place.

- A receipt will be issued on payment of registration. This will be your confirmation of attendance to the seminars.
- FPA NZ reserves the right to change venue or cancel seminars due to insufficient demand. Should this occur, all registration fees will be refunded and necessary parties contacted to advise change.
- FPA NZ requires 14 days' notice of cancellation in writing. A 40% cancellation charge will apply. No refund is offered on or after the seminar dates due to un-notified non-attendance. If for some reason you are unable to attend, you may send a substitute in your place.



Fire Protection Association New Zealand

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