

GIR Seminar

PROTECTION OF IGNITABLE LIQUIDS (Morning)

IMPROVED FIRE PUMP INSTALLATION (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.

PART 1:

Part one of this seminar will outline the challenges being faced in dealing with ignitable liquid hazards, including the legal framework phasing out fluorinated foam concentrates, and outlining the protection options available in dealing with these risks.

PART 2:

NZS4541 was first drafted in the mid 1980's drawing on the FOC 29th Edition Rules for Sprinkler systems, along with other documents such as the Insurance Council of New Zealand Diesel 2 regulations. During that era, larger pumps had duties in the order of 4,500L/min at 600kPa. With modern storage sprinkler designs requiring pumps with duties in the order of 9,000L/min at 1200kPa, we are aware of issues arising in the design, operation, testing and servicing of some of the larger pumps.

Tom Smith, Technical Support Manager, Argus Fire Protection will outline some of his observations and suggested solutions. Chris Mak will also outline some of the suggested solutions to this problem.

The Fire Protection Association will be commencing discussions with Standards New Zealand regarding the need to prepare the next revision to NZS4541. Our thoughts regarding what needs to change will be outlined, with a view of seeking feedback from members.

GET IT RIGHT PART 1:

- › Introduction – Why are we here? Legal framework, environmental framework, observations
- › Ignitable Liquid Protection Solutions: HSNO Regs, NFPA, FM
- › Low Expansion Foam
- › High Expansion Foam
- › Containment, destruction and the environment
- › Q&A / Discussion

GET IT RIGHT PART 2:

- › Problems noted in industry
- › The way forward
- › NZS4541:202x Workshop

CHRISTCHURCH: 4 JUNE 2025
COMMODORE HOTEL, Avon North Room
 8.00am – 4.30pm

AUCKLAND: 11 JUNE 2025
RNZ YACHT SQUADRON, Quarterdeck
 8.00am – 4.30pm

WHO SHOULD ATTEND

This Seminar will be ideally suited toward:

Fire Engineers
Fire Protection Engineers
Specifiers
Fire Protection Designers
Service Supervisors

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.

- › There may be subject matter experts to assist with presenting specific content. An updated flyer will be distributed to all with further information in due course.

PRESENTED BY:



Chris Mak



Jason Dyer



Phil Lacey



Tom Smith



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	Kick-off session
10:15am	Morning tea
10:40am	Second session
12:15pm	Lunch
1:00pm	Third session
2:45pm	Afternoon tea
3:10pm	General Q&A comments
4.30pm	Closing remarks, evaluation

There may be subject matter experts to assist with presenting specific content. An updated flyer will be distributed to all with further information in due course.

CHRISTCHURCH: 4 JUNE 2025
COMMODORE HOTEL, Avon North Room
8.00am – 4.30pm

AUCKLAND: 11 JUNE 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.

PRESENTERS

Chris Mak BE FEngNZ, CPEng, PM.SFPE, CPEng, IntPE(NZ), RPE

Chris has over 35 years' experience in the fire protection industry in engineering and management positions. He currently manages Aon's Fire Protection business unit, which certifies and inspects fire protection installations. Previously, he was the engineering manager for the NZ branch of a major global Fire Protection Contracting and Servicing company



Phil Lacey

Phil's 34-year fire protection career has involved all aspects of industrial fire protection, for clients of all types and sizes, providing him with knowledge of the regulatory requirements and the specialised fire protection systems needed to address unique and challenging industrial risks. He has a comprehensive understanding of the fire protection project lifecycle, from concept through to certification, with skills in detailed system design, installation, commissioning, and ongoing testing and maintenance requirements. Having worked on numerous high profile industrial sites, throughout New Zealand, Australia, and the Pacific, he has accumulated considerable knowledge on the complete suite of Special Hazard / Industrial Fire Protection solutions.



Jason Dyer

Jason is a Director at Special Hazard NZ Ltd. Jason was previously a committee member on the Standards New Zealand committee that produced the NZS4541 Automatic Fire Sprinkler Systems standard. Jason has a Bachelors degree in Mechanical Engineering and Masters Degree in Fire Engineering and has worked in the fire protection industry in management and engineering roles.



Tom Smith

Tom has spent 44 years working in the fire protection industry, in NZ, Australia and the Pacific islands. He has spent much of his time in the service industry, with the last 9 years at Argus, providing technical support to Argus's technicians. He has seen many issues which impact on the reliability of fire pump installations, including different installation practices, and testing and maintenance not to standard. He will present on his observations, sharing Argus's knowledge to improve the reliability of fire systems, for the benefit of the community



REGISTRATION FORM

Protection of Ignitable Liquids / Improved Fire Pump Installation

VENUE OPTIONS

DATE & TIME	VENUE	No. of Attendees
4 June 2025 8.00am – 4.30pm	Commodore Hotel, 449 Memorial Ave, CHRISTCHURCH	
11 June 2025 8.00am – 4.30pm	Royal New Zealand Yacht Squadron 181 Westhaven Drive, AUCKLAND	

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

PAYMENT:

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

SUBTOTAL	
GST (15%)	
TOTAL	

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.

TO REGISTER: Complete this form and email to: 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

Private Box 302-372, North Harbour, Auckland. Ph: 0800 037 269 | Email: info@fpanz.org | www.fpanz.org