

2010

NEWS UPDATE

Issue 4



On offer this issue:

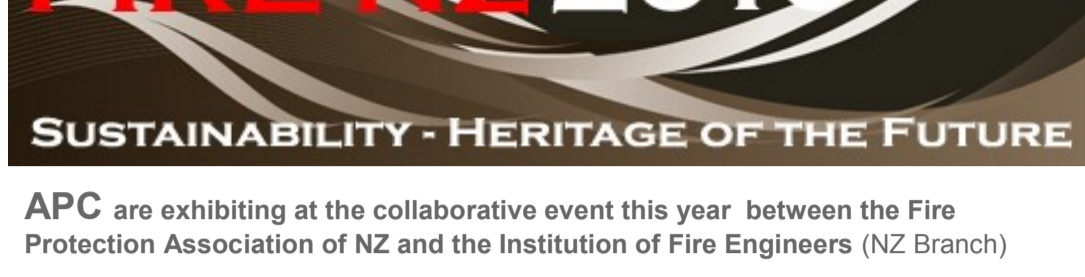
- APC under new ownership
- FIRE NZ 2010
- Soundsign™

APC becomes Australian owned

Wesfarmers

In August 2010 APC Group became part of the Australian based Wesfarmers group of companies (www.wesfarmers.com.au) and we now trade as a member of the Wesfarmers' Industrial and Safety group of businesses, which includes other like New Zealand companies Blackwood Paykels, NZ Safety, Protector Safety and Safety Source. APC will come under the Safety Source umbrella with our environmental monitoring and calibration services.

Dave and Roy are still leading the team and it is business as usual.



APC are exhibiting at the collaborative event this year between the Fire Protection Association of NZ and the Institution of Fire Engineers (NZ Branch)

November 3rd & 4th 2010 - Christchurch Convention Centre

Check out this link for further details : <http://www.fireprotection.org.nz/firenz10/Event/event.html>

This years focus "Sustainability" –Heritage of the Future" could not be more appropriate but it was selected over a year ago prior to Canterbury's recent misfortunes.

APC can be found joining their comrades from The Institution of Fire Engineers right near the entry doors on Stand One



We look forward to seeing you on our stand during the show!!

On-Site Calibration / South Island Leg

APC Services mobile calibration van one is currently working its way through the lower north island in preparation of its south island leg of the journey.



For those who may not be aware we have two mobile calibration vans that continually travel the length of the country, visiting the South Island on a six monthly basis and regions such as Taranaki, Wellington, Bay of Plenty and the Waikato bi-monthly. Of course if preferred we are happy to calibrate your instruments in our Auckland based workshop and return promptly to you.

All brands of gas detectors can be serviced and calibrated to the manufacturers specifications

Calibration is carried out on-site by an APC Technician ensuring your gas detector is compliant and "fit" for use when required.

Benefits

- No down time with instruments off-site
- Instruments are compliant and "fit" for use
- Calibration certificates are issued with each service calibration

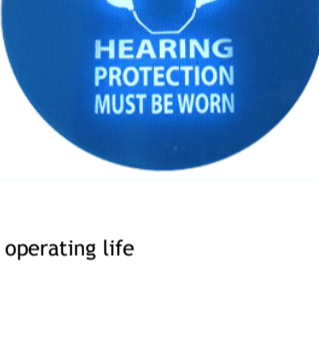
South Island Mobile Calibration Dates

- 1/11 Picton to Christchurch
- 8/11 Christchurch
- 15/11 Christchurch-Timaru
- 22/11 Dunedin
- 29/11 Invercargill–Queenstown
- 6/12 Queenstown-West Coast-Nelson
- 13/12 Wellington, Wanganui, Palmerston North

To book your gas detection instruments in for mobile calibration email : roy@apc.co.nz or phone our Service Department on PH : 09 827 6001

Soundsign™ Noise Activated Warning

SoundSign™ is a highly visible noise activated warning sign that has been designed for use in environments where there is a need to clearly warn or indicate when a preset noise level is reached.



Briefly :

- Lights up when a preset noise level is exceeded
- Quick & simple to install
- Trigger level from 40dB(A) to 114dB(A) for use in any environment
- High intensity white LED technology for high visual impact and a long operating life
- Use text and graphics to communicate specific noise level warnings
- 4 standard designs to cover all applications

In addition to the traditional Noise at Work style sign, the Sound Sign is also available with a range of other graphics and text which allows it to be used in environments where the noise levels may not reach those where hearing protection is required, but where there is still a need to warn or indicate excessive sound levels (libraries).

[For more information click here](#)

Diode Laser Systems in Gas Measurement

Source : Article by Dr Roger Riley, Geotech

The application of laser diodes for improved biogas analysis

- **Introduction** The online analysis of biogas has increased in importance with the increasing use of anaerobic digestion and the use of biogas to generate revenues. Fully automated gas analysis systems help the operator maximise output, verify data and give warnings of out of range parameters to safeguard installed plant.
- Current measurement techniques can suffer from a number of problems. Cross interferences can affect readings and frequent calibration is often required. Electrochemical cells have a limited lifetime and can suffer from poisoning from other gases.
- The advent of infrared (IR) diode lasers at a reasonable cost may see this situation change. Diode lasers can be tuned to measure only the gas of interest and diode laser systems are inherently stable.
- This article explains the reasons for the improved performance of diode laser systems and what this could mean for operators in the future, when diode laser systems are available
- [To read more :](#)



Inspectra® Laser, Portable Laser

Diode Methane Analyser

1ppm Sensitivity, ATEX Certified, Leak Detection.

Laser detection applied to methane detection

Using laser spectroscopy technology, the Interspectra Laser is a high performance methane detector offering total selectivity to methane and sensitivity of 1ppm. The instrument offers ATEX certification and makes it possible to detect methane leaks and determine their location with precision.



Features

- Automatic self test at start up
- Visual and audible alarm indicators
- Wide backlit LCD screen
- Total Selectivity to methane
- 8 hours constant use at 20° C
- Choice of measurement modes



Benefits

- Low Maintenance—reducing total ownership cost
- Safe for use in explosive atmospheres
- Multiple measuring modes—simultaneous displays
- No need for hydrogen gas supply unlike FID devices

[To read more](#)

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