

ARM Growth Spurt

Following our International Accreditation NZ registration we have experienced a 20% increase in demand for our services. This has allowed us to increase our staff numbers (both full and part-time) and also cope with sudden changes in testing plans more easily.

IANZ Accreditation

Our first annual performance appraisal by Barry Ashcroft of IANZ was a happy occasion with no corrective actions required.

We have decided to extend our list of accredited tests to include testing for heavy metals. Clients in the smelting and galvanising industries will benefit from this move.

We are already accredited for the following tests:

1. Determination of Gas Flow Data
2. Total Suspended Particulate Emissions; Gravimetric Method
3. Aldehydes in Stack Emissions
4. Ambient Aldehyde Measurements

We continue to perform many other tests e.g. VOC emissions and other toxic gases such as carbon monoxide and nitric oxide. However, reports on these tests will not carry an IANZ certification.

Congratulations to Barry on his recent promotion.

Staff Changes

We welcome Peter Stacey as a full-time member of staff. Peter graduated earlier this year with a B.Sc from the University of Auckland.

ARM Extended Hours

Our office is now staffed six days per week.

Clients who wish to arrange jobs during the weekend should approach us for a proposal. Some processes (e.g. asphalt plants) find it useful not to be confined to normal working hours.

RMA Air Discharge Permit Conditions For Combustion Processes

It is common in permits issued for combustion processes to include an emission concentration limit which includes a correction for the carbon dioxide content in the flue gas. Besides the usual corrections to normal temperature, pressure and a dry gas state the correction to 12% carbon dioxide is included.

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Where we are and how to contact us

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It is time to review this approach. There is a good case to be made for omitting the carbon dioxide correction. It is

- anachronistic
- inconsistent with the principles of RMA
- technically suspect for fuels other than coal
- irrelevant if mass emission is considered.

It is to be hoped that the forthcoming National Air Quality Standards issued by the Ministry for the Environment will introduce a degree of uniformity into air discharge permits.

Air Pollution Control

We have helped a number of clients recently in commissioning tests for new equipment. Sometimes we are asked to advise on

1. The choice of equipment
2. The best supplier
3. The likely performance
4. A suitable consultant for the above.

Some consent authorities will specify a certain type of equipment; others simply specify an emission limit which must be met.

All our clients are welcome to seek our advice on these matters.

ARM Audits

As well as IANZ and our own internal IANZ auditor we have had two separate groups of experts study our annual accounts and business systems. We have also implemented the necessary changes following the Health and Safety Amendment Act.

These experts have made recommendations for minor improvements but overall give our operation a high rating.

Galvanizing Rulez OK

The ARC must have had a rush of zinc to the brain. We in turn had hundreds of galvanisers (well, several) to test within one month. And three other heavy metallers to go with them.

Happily the outcome should delight everyone. No exceedences were found.

Arm Website

www.airresourcemanagement.co.nz

Tyler has been keeping the home page up to date. All our past newsletters are available and also a copy of our brochure.



The ARM team stand ready for action. L to R: Matthew, Richard, Tyler, Carol, Peter, Rachael and Andrew.