



IRHACE ANNUAL REPORT

2016



IRHACE
NEW ZEALAND

THE INSTITUTE OF REFRIGERATION HEATING &
AIR CONDITIONING ENGINEERS OF NEW ZEALAND Inc.

Institute of Refrigeration, Heating and Air Conditioning Engineers Inc. (IRHACE)

www.irhace.org.nz

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OUR ORGANISATION

Our main aims are to promote the economic well-being and quality of life of our members, and of the heating, ventilation, air conditioning and refrigeration industries (our industry), and to improve the economic well-being and quality of life of every New Zealander through:

- representing and promoting the industry interests of our members
- advancing and promoting (including the use of standards) the technology used by and activities of those in our industry
- supporting training and education in the industry
- promoting a high level of skill, qualifications and continuing professional development
- promoting the development of practice guides and other industry Standards as the Council thinks is appropriate for and relevant to our industry that members shall follow
- providing a forum for our members, associates and affiliates to discuss and share their knowledge and experience
- providing a forum where our members, associates and affiliates and members of the public can settle their disputes
- do anything else that helps us to achieve the above aims.

Without taking away from these main aims, our secondary aims are to:

- establish a code of conduct that applies to the Society members
- make policies, regulations and bylaws that help to achieve our main aims
- agree to act as a Trustee for any person or business with similar interests and aims to ours.

FROM THE IRHACE PRESIDENT

Dear IRHACE Member

2016 was another big year for our industry. Another round of changes to refrigerants, legislation and growing demand for our skills while we struggle to find apprentices. IRHACE is acutely aware of the issues facing our industry and we are constantly working to assist our members in these areas. Much of the work is invisible unless we don't do it! Just as yours is day to day, nobody notices when everything is working well.

This past year I was personally involved with;

Governance of IRHACE with both National Council and local committee.

Closing the gap between apprentice supply and demand. To this end IRHACE has been working closely with Competenz and MIT. Competenz is now reporting directly to our Council and we have communications set up at all levels including IRHACE representation on Advisory Groups, there have been new KPI's set and Competenz is now far more agile and proactive in working for us. Matthew Darby and I attended a Competenz event in Wellington where we met with Minister Stephen Joyce and were able to present problems, seek directions and discuss solutions. It was very practical and has enabled us to better utilize Competenz as well as gaining useful insights into allied industry practices.

With our encouragement MIT have put great support and resource behind our courses over recent years, including more tutoring staff and practical facilities. They have also introduced internationally recognised courses to compliment the curriculum. I was recently involved in a student / apprentice / employer introduction and matching night at MIT, run in conjunction with IRHACE, Competenz and ATNZ.

I have also been involved in raising our profile with women, as we are currently underutilising 51% of the possible workforce in New Zealand;

- Women in HVAC and Leadership Event hosted by IRHACE
- Women in Trades through Competenz
- Speaking at Destination Trades

Nationwide Industry workshops on the Montreal Protocol / Kigali agreement dealing with the upcoming refrigerant phase out and how we can plan to make it work.

Reinstating and delivering the Technical handbook as a member benefit.

Proofing and rolling out online learning alongside RLNZ and continuing to teach the Fillers Courses.

Ongoing work with EECA which secured funding for member benefits including training and setting up a Professional Development system.

Represented IRHACE at allied industry events to raise our visibility, communication and cooperation;

- Attended and presented at EMANZ conference
- IPENZ events
- NAWIC Events including being a finalist in the Helen Tippett award.
- New Zealand Representative on Women in AIRAH.

Invited to speak directly to apprentices within companies, as part of their employers in-house programme to raise the standards of training.

In addition to the work I have been directly involved in, there are 3 full time and 4 part time staff in the IRHACE office, working continuously on a multitude of projects to enable our industry to grow and transition in these rapidly changing times.

For my part this is all voluntary work as part of the IRHACE Council and my local committee, all staffed by volunteers and we work alongside the CCCANZ and RLNZ Boards who are also voluntary. Thanks to all of these people we are very well represented as an industry at Government level and this is enabling us to be involved in decision making that affects us.

At the AGM in May my term as President will conclude. It has been a great privilege for me to be representing our industry over these past 2 years. It has been an interesting and fluid time to be involved in our industry. I have seen and been involved in many changes and improvements by being part of IRHACE and recommend the experience!

If you think we need to make changes in our industry – Step up Buttercup.



Deirdre Johns
President 2015-2017

A handwritten signature in black ink, appearing to read 'Deirdre Johns'.

FROM THE EXECUTIVE OFFICER

Dear IRHACE Member

It is my pleasure to present the 2016 Annual Report for IRHACE. It was a busy year, and it has passed like lightning. There were many, and varied activities undertaken by IRHACE, at both a regional and national level. This included new member benefits, most notably the provision of the AIRAH Technical Handbook.

The popular National Seminar Series continued into 2016, with seminars being run in all regions. There are more details further into this report.

This Annual Report also comes with the Institute's annual financials. An annual review has been accepted by members, rather than a full audit provided by the auditors.

This will also be my last annual report, as after four years as the Executive Officer of IRHACE I will be moving on. I have really enjoyed my time with the Institute and have met many skilled and committed people, who are passionate about the industry. I wish you all the best for the future.



Paul Town
Executive Officer: The IRHACE Centre

A handwritten signature in black ink that reads "P Town". The signature is written in a cursive, flowing style.

THE IRHACE COUNCIL



President 2015-2017
Deirdre Johns



Past President
Darren Rawnsley



Councilor
Mark Meyer



Councilor
Dave Noyer



Councilor
Paul Shaw



Councilor/New Ideas
Ewen Brunskill



Company Voice
Tony King



Councilor
Karl Burke



Councilor/Training
Dave Nicholls

COUNCIL MEMBER APPOINTMENTS FROM AGM 2016

Council Member Appointments from AGM 2016

Position	Name	Elected/ Co-opted/ Appointed	Term ends/ resignation submitted effective
President	Deirdre Johns (Past President from AGM 2017)	AGM 2015	AGM 2017
Past President	Darren Rawnsley	AGM 2015	AGM 2017
Elected Councilor	Karl Burke (President Elect from AGM 2017)	AGM 2015	AGM 2017
Elected Councilor	Mark Meyer	AGM 2016	AGM 2018
Elected Councilor	David Nicholls	AGM 2015	AGM 2017
Elected Councilor	Dave Noyer	AGM 2015	AGM 2017
Elected Councilor	Paul Shaw	AGM 2015	AGM 2017
CCCA Interlocutory (Appointed by CCCA)	Tony King	Appointed 2016	AGM 2018
Co-opted	Ewen Brunskill	Term from May 2015	AGM 2017

ACTIVITIES IN 2016

IRHACE Trusteeships:

The activities of the **Refrigerant License Trust Board** during 2016 consisted of:

Activities for RLTB in	
RLNZ Fillers courses run in 2016	31
Filler Registrations 2016	302
RLNZ Handlers courses run in 2016	0
Handler Registrations 2016	0
Flammables Courses run in 2016	3
Flammable Registrations 2016	26
On-line Registrations in 2016	81

RLTB also developed more courses:

- Flammables online,
- 4 EECA Energy Efficiency courses
- EECA Heat Pump Best Practice Guidelines online course.

There were also two Ammonia Operators courses run for IRHACE during 2016.

Recovery Trust

The Trust for the Destruction of Synthetic Refrigerants and the Recovery Operating Company Limited's financial statements for the year ending 31 March 2016 are included with the communication that this document is part of.

MEMBERSHIP ACTIVITIES IN 2016

IRHACE Activities included

National Seminar Series: The popular series continued in 2016. This series was held in every branch around the country. Attendance overall was excellent. The seminars comprised of two speakers, one was from the Ministry for the Environment, and the other was IRHACE Councilor, Dave Nicholls. The topic of the seminars was around the intended Phasedown of HFCs as dictated by the Montreal Protocol.

HVAC&R Trade Exhibition and Industry Conference Auckland 2016

The Annual Trade expo and conference was held in conjunction with the International Institute of Refrigeration. The theme was “Sustainability and the Cold Chain”. The conference as well attended by delegates and there were 70 stands in the Trade Expo.

There were some great presentations from a wide variety of local and international presenters, as well as excellent social events for attendees.

Wallie Askew Apprentice Competition

The 2016 annual Wallie Askew Apprentice Competition was run during March/April, with the national finals held at the HVAC&R Conference. The national finalists and placings were:

Place	Apprentice	Company	Region
1	Jock McVicar	Commercial Industrial Refrigeration	Auckland-Northland
2	William Lovell	Cowley Services	Manawatu
3	Paul Van den Broek	Centigrade	Waikato-Bay of Plenty
4	Jinseok Lee	Coolzone Refrigeration	Auckland-Northland
5	Oscar Potts	Active Refrigeration	Canterbury-Westland
6	Simon Waring	Total Refrigeration	Auckland-Northland

7	Callum Meek	Hot Chilly	Wellington
8	Kyle Watson	Total Refrigeration	Auckland-Northland
Keith Stewart Award	Kyle Watson	Total Refrigeration	Auckland-Northland

The finals were well supported by sponsors with all finalists taking home some great prizes.

Council Activities included

Your Council was very busy during 2016. Activities consisted of:

- The usual council meetings,
- As well as attendance at meetings and events representing IRHACE (such as the IPENZ National Engineering Awards),
- Involvement with CCCANZ, by having Mark Meyer as the interlocutory representative on the CCCANZ board.

CHANGES TO MEMBERSHIP POLICY

There were no changes to membership policy during 2016.

MEMBER BENEFITS

- IRHACE Journal and monthly electronic member updates
- Member events such as trade nights, technical tours, and social events
- Discounts to events such as the annual HVAC&R conference
- Access to free publications such as the Hygiene Guide
- Having an industry voice with government
- Use of the IIR Freedoc database for members
- AIRAH Technical Handbook
- Discounts for new on line Approved Filler and Approved Handler renewal courses with RLTB
- A discount card for N3
- Member access to energy efficiency online courses

STRATEGIC RELATIONSHIPS

IRHACE continues to be affiliated to the:

- International Institute of Refrigeration (IIR)
- American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
- Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH)
- Institute of Professional Engineers of New Zealand (IPENZ)
- Energy Management Association of New Zealand (EMANZ)
- Chartered Institution of Building Services Engineers (CIBSE)
- Engineering Associates Registration Board (EARB).

INTERNATIONAL COMMITTEES

IRHACE members have also been involved in the following committees during 2016:

- Competenz HVAC&R Strategic Advisory Group for skill needs for the industry.
- Steering Group for Non Seismic Non-Structural Elements with the Ministry of Business, Innovation, and Employment.
- MBIE Fire Programme Passive Fire Protection Working Group
- MBIE Fire Programme Post-construction Compliance Working Group

CONTACT INFORMATION

The IRHACE Centre

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