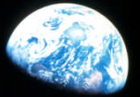




# MOPIA • BULLETIN



LEADERS IN OZONE LAYER & CLIMATE PROTECTION

## World Ozone Day 2018



Many millions around the globe have been protected from the harmful effects of ozone depletion.

From refrigerants to foam products, fire protection agents, solvents and agriculture fumigants, all have seen significant changes since about 1989 onwards. The challenges remain as many ozone depleting substances were substituted with chemicals that contribute to climate change.

The Worlds' most successful international environmental treaty (The Montreal Protocol) has shaped progress on ozone, with the most recent Kigali Amendment (2016) aiming to address climate change, beginning in 2019.

September 16 is World Ozone Day. Check out what is happening around the Earth to recognize this day.

<http://web.unep.org/ozonaction/international-day-preservation-ozone-layer-2018>

[www.youtube.com/watch?v=vpMqxwHrxgA&feature=player\\_embedded](http://www.youtube.com/watch?v=vpMqxwHrxgA&feature=player_embedded)

[www.youtube.com/watch?v=VjQSCJNG-Zg&feature=youtu.be](http://www.youtube.com/watch?v=VjQSCJNG-Zg&feature=youtu.be)

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## Apprenticeship Awards of Distinction

Apprenticeship Manitoba  
**AWARDS OF DISTINCTION**  
Honouring Excellence in Training & Education

CALL FOR NOMINATIONS

Nominate an employer, journey person or college instructor who has made an outstanding contribution to Manitoba's apprenticeship and certification system.

NOMINATION DEADLINE:  
**FRIDAY, SEPTEMBER 14**  
MANITOBA.CA/TRADECAREERS

AWARDS GALA DINNER  
**THURSDAY, NOVEMBER 1**  
AT RBC CONVENTION CENTRE

CELEBRATING SUCCESS IN THE TRADES THROUGH APPRENTICESHIP

Manitoba  
Education and Training

The 12<sup>th</sup> Annual (2018) Awards of Distinction Gala will be held in Winnipeg at the RBC Convention Centre on November 1.

Skilled trades in Manitoba are an integral and often overlooked part to our advanced lifestyle. We should not take for granted the advanced skills and all the people involved in the trades from the many instructors to the students who aim to become the next generation of craftspersons.

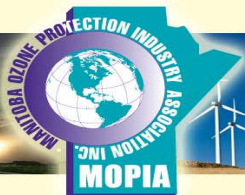
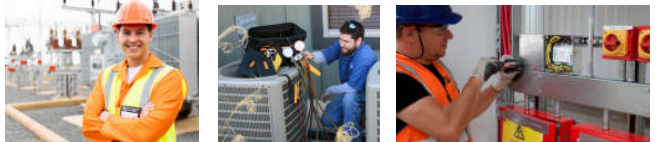
You may nominate an employer, journey person or instructor who has made an outstanding contribution to Manitoba's apprenticeship and certification system as:

- Employer of the Year
- Employer of the Year – Internationally
- Experienced Tradespersons
- Journey person of the Year
- Instructor of the Year

See details at:

[www.gov.mb.ca/wd/apprenticeship/generalinfo/events/index.html](http://www.gov.mb.ca/wd/apprenticeship/generalinfo/events/index.html)

Right now, there are more than 10,000 active apprentices in over 55 designated trades in Manitoba. Apprenticeship Manitoba has certified nearly 30,000 journeypersons since 1944!



MOPIA.CA





# MANITOBA OZONE PROTECTION INDUSTRY ASSOCIATION

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## September 29<sup>th</sup> Certification Class

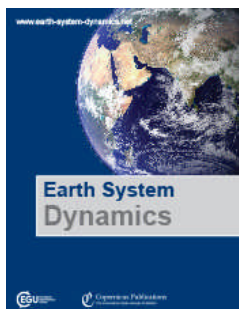


MOPIA will be hosting our next one-day certification class in Winnipeg at Red River College on Saturday, September 29. Anyone working on the gas side of an air conditioning/refrigeration system must have this certification. In Manitoba, over 15,000 people have received certification since 1993 -- and well over 100,000 across Canada.

You must register in advance by contacting MOPIA. The cost of participating is \$185 per student.

The class typically runs from 8 am – 6 pm with the exam. The aim is to ensure all services are in compliance with the Manitoba ODS Regulation (i.e. no topping up, leak checking is done, etc.).

## Point of No Return is 2035?



The European Geosciences Union, (an international union of 15,000 scientists/members based in Munich, Germany) issued a Press Release on August 30, 2018 highlighting that humanity is heading to the point of no return on climate change if action is not taken now to limit global warming to 2C by 2100.

This follows from another climate change related article warning known as the Hothouse Earth Pathway in August of this year entitled "Trajectories of the Earth System in the Anthropocene" published in the Proceedings of the National Academy of Sciences of the USA.

You can see the full article at:

[www.pnas.org/content/early/2018/08/07/1810141115](http://www.pnas.org/content/early/2018/08/07/1810141115)

[www.earth-system-dynamics.net/](http://www.earth-system-dynamics.net/)

[www.equ.eu/news/428/deadline-for-climate-action-act-strongly-before-2035-to-keep-warming-below-2c/](http://www.equ.eu/news/428/deadline-for-climate-action-act-strongly-before-2035-to-keep-warming-below-2c/)

Issued by The Manitoba Ozone Protection Industry Association Inc (MOPIA) Winnipeg, Manitoba, Canada on the 13<sup>th</sup> September 2018. MOPIA does not take responsibility for errors or omissions and does not endorse products, systems, companies or agencies, but may highlight any of these at our discretion as sources for information purposes only. Credits: UNEP OzoneAction, European Geosciences Union, Apprenticeship Manitoba, Nature.com . Editors are Mark Miller, Laura Bjornson, Genoa deBruin and MOPIA's ExCom. Please send us comments & article suggestions at [mopia@mymts.net](mailto:mopia@mymts.net). Think Green, Circulate or Recycle when done!

## Become Known Across Manitoba

**PUT YOURSELF ON THE MAP**

**REGISTER FOR MOPIA'S HVAC/R & A/C SERVICE PROVIDERS DIRECTORY**

MOPIA's website is a resource for consumers looking for all sorts of air conditioning and refrigeration services.

People commonly seek who is available to service the variety of A/C service, white goods and other services.

Include your business, its free to register. See: <http://mopia.ca/directory/>

## Resource Corner

**Government of Manitoba**  
Manitoba Sustainable Development ODS Act/Regulation  
<http://web2.gov.mb.ca/laws/regs/annual/2005/178.pdf>  
<https://www.gov.mb.ca/sd/envprograms/index.html>

**NASA Ozone Watch & Ozone Home Page**  
<https://ozonewatch.gsfc.nasa.gov/>  
<https://www.nasa.gov/ozone>

**International Institute of Sustainable Development**  
[www.iisd.org](http://www.iisd.org)

**International Institute of Refrigeration**  
<http://iifir.org/medias/medias.aspx?instance=EXPLOITATION&SETLANGUAGE=EN>

**United Nations Environment Programme "OzoNews"**  
<http://web.unep.org/ozonaction/>

**Environment & Climate Change Canada - Enforcement Notifications**  
[www.ec.gc.ca/alef-ewe/default.asp?lang=En&n=8F711F37-1](http://www.ec.gc.ca/alef-ewe/default.asp?lang=En&n=8F711F37-1)

## Compliance Tips – Send them in...



Penalties for non-compliance for individuals are up to \$50,000 and/or 6 months in prison on a first offence!

If you know of any issues of non-compliance, please directly contact a Manitoba Environment Officer with Manitoba

Sustainable Development. You can obtain their phone number for your region at:

[www.gov.mb.ca/sd/ece/contact.html](http://www.gov.mb.ca/sd/ece/contact.html)