

MOPIA

Manitoba Ozone Protection Industry Association

What do you want changed in Manitoba's ODS Legislation?

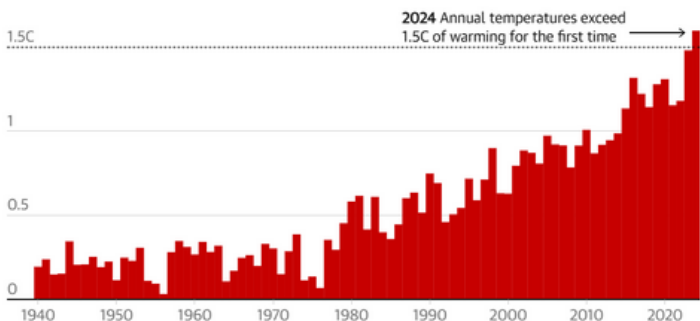
MOPIA continues to meet with Manitoba Environment and Climate Change department officials to discuss potential updates to Manitoba's ODS and Other Halocarbons legislation. We encourage our stakeholders to provide suggestions regarding changes or additions to the Regulation. Your input is valuable to ensure that the future Regulation reflects the best way to combat climate change, and industry's ability to comply.

2024 - Hottest Year on Record

In 2024, global temperatures reached a record 1.6°C above pre-industrial levels, surpassing the Paris Agreement's 1.5°C target for the first time. This unprecedented heat, fueled by fossil fuel emissions, caused extreme weather events worldwide, including severe heatwaves, floods, hurricanes, and droughts. On July 10th, 44% of the planet faced extreme heat, and July 22nd marked the hottest day in recorded history. While the Paris Agreement's target considers long-term averages, the continued escalation of global warming is evident. Despite pledges for emissions reductions, carbon emissions in 2024 are expected to reach a new high, worsening the outlook for limiting global heating to 1.5°C. Scientists warn that every fraction of a degree increase causes more harm to humans and ecosystems, emphasizing the need for immediate action to reduce fossil fuel use and to increase resilience to climate impacts. If current trends continue, global temperatures could rise by 2.7°C by the century's end.

2024 confirmed as the hottest year on record

Global average temperature relative to a preindustrial baseline, C



Source: <https://www.theguardian.com/environment/2025/jan/10/world-temperature-in-2024-exceeded-15c-for-first-time>

2025 Secondary Distributor Permit Renewals Due Now

The Annual Secondary Distributor (SD) Permit renewals for 2025 are now due. As required by Manitoba's ODS and Other Halocarbons Regulation 103/94, HVAC and A/C companies must maintain an SD Permit in order to import or purchase regulated substances. Payment can be made online via PayPal, by phone, or by mail with the completed renewal form. Our website offers necessary forms and the ODS Record Data Sheet for tracking transactions, which are due for the previous year (2024) on February 1st, and may be requested during inspections.

CO2 Being Used in Puerto Rico Supermarket

A supermarket chain in San Juan, Puerto Rico has opened the island's first-ever store that uses CO2-based refrigeration, according to Hillphoenix. The supermarket, which opened in December of 2024, features a CO2 (R744) refrigeration system that reduces energy consumption by an estimated 30% compared to a similar store using an R404A system. This system uses two mechanical CO2 racks: one for medium-temperature capacity and another for both low- and medium-temperature needs. Puerto Rico's hot and humid climate (temperatures averaging 32°C and over 90% humidity), presents several refrigeration challenges. To address this, the CO2 system incorporates heat reclaim technology, providing potable hot water and dehumidification through a hydronic pump skid. Additionally, adiabatic gas coolers help reduce compressor load, while a centralized "Power Wall" ensures system protection. With Puerto Rico's high electricity rates, this store's anticipated success and lessons learned will likely increase interest for future CO2 system expansions across the region.

Source: <https://naturalrefrigerants.com/first-ever-co2-supermarket-opens-in-puerto-rico-says-hillphoenix/>

utm_source=shesco+natural+refrigerants&utm_campaign=57cf765b24-NatRefs_EMAIL_CAMPAIGN_14_01_2025&utm_medium=email&utm_term=0_9db972ca57-57cf765b24-291967153&mc_cid=57cf765b24&mc_eid=fe96f974e6



Follow MOPIA on Facebook, Instagram, LinkedIn and TikTok to keep up to date!

Find us @ manitoba.mopia

