

Halocarbon Control Regulations

Copies of the regulations may be obtained from the Queen's Printer or at the following web addresses:

The Halocarbon Control Regulations

<http://www.qp.gov.sk.ca/documents/English/Regulations/Regulations/E10-21R2.pdf>

The Environmental Spill Control Regulations

<http://www.qp.gov.sk.ca/documents/english/regulations/regulations/d14r1.pdf>

Industry Stewardship Program:

Refrigerant Management Canada
www.hrai.ca/rmc/

Since September 8, 2005, Saskatchewan has replaced *The Ozone-depleting Substances (ODS) Control Regulations* with *The Halocarbon Control Regulations*. The new regulations are another step in addressing stratospheric ozone-depletion and preventing global warming.

The Halocarbon Control Regulations have expanded the scope of the program by tightening controls and including other refrigerants that have a global warming potential.

As a result, all requirements from the original program are still in effect and they are now also applied to an expanded list of Chlorofluorocarbons (CFC's), Hydrochlorofluorocarbons (HCFC's), Hydrofluorocarbons (HFC's), Perfluorocarbons (PFC's) and Halons. A listing of the substances covered by the regulations is included at the end of this fact sheet.

What does this mean?

- ! You need to be certified and have proof of certification to purchase or sell these substances.
- ! You must follow the appropriate code of practice. Failure to follow the code of practice could result in the revocation of certification.
- ! You must keep records for work and track inventories.
- ! You must not charge or recharge mobile refrigeration or air conditioning systems with class I compounds effective January 1, 2006.
- ! There is a phase out of class I compounds for certain size

chillers effective January 1, 2006.

- ! There is an industry operated stewardship program in place to recover and properly dispose of compounds that are being phased out.
- ! Systems must be leak tested and repaired before charging or recharging with a halocarbon.
- ! Systems require designated fittings for the type of compound in use. This means that once a system has been converted to a non-halocarbon system, the fittings must be changed.
- ! Only refillable containers are to be used. Disposable containers are no longer acceptable for halocarbons.
- ! Recovery of halocarbons is required before dismantling or disposal of equipment.

Releases of halocarbons are to be reported to the spill line. The appropriate reportable limits are listed in *The Environmental Spill Control Regulations*.

Penalties exist under *The Environmental Management and Protection Act, 2010* for persons found guilty of an offence under *The Halocarbon Control Regulations* and *The Environmental Spill Control Regulations*.

If you have any questions please contact Roger Hodges, Saskatchewan Environment at 787-9301.

**Sask Spill
1-800-667-7525**

Substances listed under The Halocarbon Control Regulations

For a complete listing please refer to the regulations.

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| <p>Chlorofluorocarbons CFC-11, trichlorofluoromethane, R-11 CFC-12, dichlorodifluoromethane, R-12 CFC-13, chlorotrifluoromethane, R-13 CFC-111, pentachlorofluoroethane, R-111 CFC-112, tetrachlorodifluoroethane, R-112 CFC-113, trichlorotrifluoroethane, R-113 CFC-114, dichlorotetrafluoroethane, R-114 CFC-115, chloropentafluoroethane, R-115 Including all other CFCs and all isomers/mixtures containing any of the above.</p> | <p>&90BKF Halon-1211, bromochlorodifluoromethane Halon-1301, bromotrifluoromethane Halon-2402, dibromotetrafluoroethane Including all other bromofluorocarbons and bromochlorofluorocarbons and all isomers/mixtures containing any of the above.</p> |
| <p>Other Halocarbons HFC-23, trifluoromethane, R-23 HFC-32, difluoromethane, R-32 HFC-125, pentafluoroethane, R-125 HFC-134, tetrafluoroethane, R-134 HFC-143, trifluoroethane, R-143 HFC-152, difluoroethane, R-152 HFC-161, monofluoroethane, R-161 HFC-227, heptafluoropropane, R-227 HFC-236, hexafluoropropane, R-236 HFC-245, pentafluoropropane, R-245 HFC-254, tetrafluoropropane, R-254 HFC-263, trifluoropropane, R-263 HFC-272, difluoropropane, R-272 HFC-281, fluoropropane, R-281. FC-14, tetrafluoromethane FC-116, hexafluoroethane FC-218, octafluoropropane FC-3-1-10, decafluorobutane FC-4-1-12, dodecafluoropentane FC-5-1-14, tetradecafluorohexane. Including all other hydrofluorocarbons and perfluorocarbons not specifically listed and all mixtures containing any of the above.</p> | <p>Chlorocarbons trichloroethane, methylchloroform, R-140 tetrachloromethane, carbon tetrachloride, R-10 Including all isomers and mixtures containing any of the above.</p> |
| | <p>Hydrochlorofluorocarbon HCFC-21, dichlorofluoromethane, R-21 HCFC-22, chlorodifluoromethane, R-22 HCFC-31, chlorofluoromethane, R-31 HCFC-121, tetrachlorofluoroethane, R-121 HCFC-122, trichlorodifluoroethane, R-122 HCFC-123, dichlorotrifluoroethane, R-123 HCFC-124, chlorotetrafluoroethane, R-124 HCFC-131, trichlorofluoroethane, R-131 HCFC-132, dichlorodifluoroethane, R-132 HCFC-133, chlorotrifluoroethane, R-133 HCFC-141, dichlorofluoroethane, R-141 HCFC-142, chlorodifluoroethane, R-142 HCFC-151, chlorofluoroethane, R-151 HCFC-221, hexachlorofluoropropane, R-221 HCFC-222, pentachlorodifluoropropane, R-222 HCFC-223, tetrachlorotrifluoropropane, R-223 HCFC-224, trichlorotetrafluoropropane, R-224 HCFC-225, dichloropentafluoropropane, R-225 HCFC-226, chlorohexafluoropropane, R-226 HCFC-231, pentachlorofluoropropane, R-231 HCFC-232, tetrachlorodifluoropropane, R-232 HCFC-233, trichlorotrifluoropropane, R-233 HCFC-234, dichlorotetrafluoropropane, R-234 HCFC-235, chloropentafluoropropane, R-235 HCFC-241, tetrachlorofluoropropane, R-241 HCFC-242, trichlorodifluoropropane, R-242 HCFC-243, dichlorotrifluoropropane, R-243 HCFC-244, chlorotetrafluoropropane, R-244 HCFC-251, trichlorofluoropropane, R-251 HCFC-252, dichlorodifluoropropane, R-252 HCFC-253, chlorotrifluoropropane, R-253 HCFC-261, dichlorofluoropropane, R-261 HCFC-262, chlorodifluoropropane, R-262 HCFC-271, chlorofluoropropane, R-271. Including all other hydrochlorofluorocarbons not specifically listed and all mixtures containing any of the above.</p> |

More info?

Contact the Saskatchewan Ministry of Environment
 Client Service Office at
 Tel: 1-800-567-4224
 (toll-free in North America)
 or 306-787-2584.
 Email: centre.inquiry@gov.sk.ca