

Alberta Environment and Waste Regulations for Hazardous Recyclables from Automotive Recycling Facilities

Recycling Licence: AMVIC

Generator Registration Number – Not Required

Storage – Waste Control Regulation

18(1) A person who stores a hazardous recyclable shall store it in an amount and in a manner so that

- (b) any leakage is contained and prevented from entering into the remainder of the hazardous recyclable facility and places beyond, including sewers and the ground underneath the site,
- (c) at least secondary containment is provided for liquid hazardous recyclables, and there are no openings in the secondary containment system that provide a direct connection to the area surrounding the system,
- (d) the hazardous recyclable facility is adequately labelled, stating the identity of the hazardous recyclable that is being stored,
- (e) incompatible hazardous recyclables are stored in such a manner that there will be no contact between them, even in the event of a release, and
- (f) routine inspections of the hazardous recyclable facility can be performed.

(2) A person who stores hazardous recyclables shall ensure that the hazardous recyclables are stored in a place that is:

- (a) secure from entry by unauthorized persons,
- (c) equipped with suitable equipment to handle emergency situations,
- (d) provided with operators trained to respond to emergency situations specific to the hazardous recyclables stored, and
- (e) designed and maintained so that surface run-off water cannot enter the secondary containment system.

Approval Required: Hazardous recyclables stored for a continuous period of more than 365 days or more than **10 tonnes** (10,000kg) at any one time:

Reference: Activities Designation Regulation. Schedule 1, Division 1, Section e(i & ii)

Transportation - Recycle Docket

	Threshold	Reference	Comments
Waste Oil	205L	17(1) WCR	See 169 of EPA
Waste Antifreeze	205L	17(1) WCR	See 169 of EPA
Lead Acid Batteries	205kg	17(1) WCR	See 169 of EPA
Mercury	5L		Not recyclable
Waste Solvent	205L	17(1) WCR	See 169 of EPA
Waste Tires	N/A		

WCR= Waste Control Regulation

EPEA= Environmental Protection and Enhancement Act

The Director has determined that lube oil filters are not hazardous waste if they are drained. A drained filter is a used lube oil filter for which the draining efficiency (DE) is greater than 0.5. Normally, filters which have been drained on a rack for 12 hours or longer, or which have been crushed, will be deemed nonhazardous.

Spill Reporting

	Threshold	Reference	Comments
Waste Oil	200L*	RRR	All off site spills to surface or groundwater courses must be reported
Waste Antifreeze	25L	RRR	All off site spills to surface or groundwater courses must be reported
Gas & Solvents	200L	RRR	All off site spills to surface or groundwater courses must be reported
Refrigerants			
Tires	N/A	SRR	Tire Fires Must be Reported

* refers to spills to ground.

RRR: Release Reporting Regulation

SRR: Substance Release Regulation – Tire Fires

Reporting Number: 1-800-222-6514

Refrigerants: Ozone Depleting Substances and Other Halocarbons Regulation

The requirements of the *Apprenticeship and Industry Training Act* and the regulations under that Act do not apply to Automotive Recyclers

R12 cannot be reused and must be destroyed

A person who services an air conditioning system that contains or may contain an ozone-depleting substance or a halocarbon must conduct the servicing procedures in accordance with the Environment Canada *Environmental Code of Practice for Elimination of Fluorocarbon Emissions from Refrigeration and Air Conditioning Systems EPS 1/RA/2 March 1996*, as amended from time to time.

Environment Canada's Environmental Code of Practice requires:

all refrigerant in the air conditioning system be removed, and oil collected according to local regulations before the car is wrecked or scrapped. The dealer or wrecker should use a certified service person trained in the safe handling of refrigerants, to remove the refrigerant. The refrigerant should be recovered for recycling, reclaiming or disposal of as a hazardous waste. Oil should be sent to the reclaim facilities or disposed of in accordance with the local regulation. Containers should be properly labelled, including ASHRAE refrigerant number.