

Eco-Logical Business Program or “ECO-Biz”

The “ECO-Biz” Program

The Eco-Biz Program is a nationally known recognition program that uses ECO Biz certification, as a way to acknowledge small businesses in the automotive and landscaping services industry that use pollution prevention (P2) techniques to meet or exceed compliance with industry standards. Businesses use their ECO-Biz certification as a marketing tool, to show they care about their impact on the environment by effectively reducing their environmental footprint. Several states have similar programs, some focusing on standards related to only one type of media, while others provide cross-media regulatory assistance in water quality, air quality and solid and hazardous waste. Oregon was the first state in the nation to provide an automotive services certification for achievement in all three environmental areas.

Small businesses specializing in landscape services can also participate in the ECO-Biz Program, however, this factsheet focuses on P2 for radiator repair shops only.

Environmental Leadership through Pollution Prevention

Compliance with environmental regulations is an important way to help protect the environment. However, these same environmental regulations seem to promote managing pollution rather than preventing it. The job of the ECO Biz staff is to help businesses effectively reduce their environmental footprint through use of P2 techniques. These techniques reduce pollution and the regulatory and financial burdens a business must manage to “be in compliance,” while promoting environmental leadership along the way. Many techniques are simple to do, but reap big benefits for the environment and your businesses bottom line.

Pollution Prevention for Radiator Shops

Here are a few pollution prevention activities for radiator shops that want to go “beyond compliance”:

- Provide employees with on-site work boots and clothing as well as shower facilities to eliminate tracking lead off-site to homes and businesses.
- Recycle lead containing solder with a scrap metal recycler. Store lead containing solder in a closed container labeled as lead waste.

- Use a “zero” wastewater discharge system and do not discharge wastewater to city sewers or on-site wastewater systems.



Mac's Radiator initiates the installation of their zero discharge wastewater treatment system.

- Use lead-free paints.
- Educate your employees on proper waste management practices and environmental regulations.

Proper Management of Hazardous Wastes from Radiator Shops

Radiator shops routinely generate hazardous wastes, which is why proper management of this waste is critical. Lead for example, comes from caustic tanks solutions, tank-bottom and flush booth sludge and sandblasting media. Lead is a highly toxic metal, which produces a range of adverse health effects from nervous system damage to digestive disorders and cancer. Proper management and disposal of wastes containing lead is an essential component of any ECO-Biz Program for the protection of human health and the environment.

Saving Resources and Money

Part of the Eco-Biz certification program involves examining all the resources used by your business. Your business could save thousands of dollars a year in water, electricity and materials costs by implementing resource efficient measures provided by the ECO Biz Program. Some examples of these savings:

- Reduction in your water bill due to reduced water usage.
- Reduction in your electricity bill due to reduced electrical usage associated with the installation of high efficiency lighting.
- Reduction in your chemical costs due to reduced chemical usage or total elimination of the chemical from the process.



State of Oregon
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Quality

Air Quality Division Business Assistance Program

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- Reduction in your solid and hazardous waste management fees due to a reduction wastes generated on-site.
- Reduction in your garbage bill and an increase in scrap metal sales due to increased recycling activities.

The savings realized will vary by business and level of pollution prevention activities performed.

The Pollution Prevention Outreach Team

[The Pollution Prevention Outreach Team \(P2O\)](#)

is a multi-agency group working toward a cleaner environment through education and outreach.

New members are welcomed at anytime. For information about the P2O team, or becoming a partner, call 503-823-7807.

For More Information

Visit the Oregon ECO-Biz website for information on how to participate in the program at www.ecobiz.org or call the Oregon Ecological Business Automotive Services Certificate Program at 503-823-5230.

Visit DEQ's Hazardous Waste Program site for:

- [A Guide for Radiator Repair Shops](#)
- [Proper disposal of hazardous waste](#)

Receive help from a DEQ hazardous waste technical assistant in your area at 1-800-452-4011 (toll free in Oregon).

Visit Mac's Radiator website for information and help on the pollution prevention techniques they used to reduce their environmental impact at www.macsradiator.com

Alternative Formats

Alternative formats of this document can be made available. Contact DEQ Office of Communications & Outreach for more information at 503-229-5696.