



Do you purchase tires for fleet vehicles?

Would you like to improve this process in the following areas?

- **Meet environmental compliance regulations.** Comply with Executive Order (EO) 13101 and EPA comprehensive procurement guidelines by purchasing retread tires. Media area is solid waste.
- **Improve workers' safety and health.** No change to current operations.
- **Increase productivity.** No change to current operations.
- **Save money.** Retread tires cost less than new tires and provide the same utility.



Tire Retreading

Federal procurement guidelines and directives require Department of Defense (DoD) agencies to purchase recycled content products for EPA designated items. Retread tires are one of the many EPA designated items. Every year more than 240 million tires are disposed in landfills across the United States. Tire disposal is expensive because tires need to be ground into small pieces before being placed in a landfill. Whole tires can trap air and float to the surface of a landfill. This breaks the landfill cover and provides a home for hornets, mosquitoes, rodents, and other vectors. Purchasing retread tires reduces unnecessary tire disposal and the manufacture of new tires. Procurement of this product for use at Navy installations stimulates the tire retread market, reduces life cycle costs, and protects the environment. The U.S. Army Tank-Automotive Command (TACOM) has already experienced great success with their tire retread program, saving on the average \$100 per tire on large size tires. Retread tires can be procured from vendors on EPA's Qualified Products List.

How can you achieve these improvements?

Purchase retread tires.

How does this system work?

Recycled content products are made from materials that would otherwise go into the landfill.

How will this system save you money?

Retread tires are less expensive than new tires. Purchasing retread tires also stimulates recycling markets, making it easier to recycle tires instead of paying to dispose them.

How can this method eliminate or reduce pollution?

Purchasing retread tires reduces tire disposal. Implementation will result in the following pollution reductions:

- Reduce the quantity of solid waste disposed of in landfills and incinerators.
- Reduce the quantity of solid waste transported off-site from Navy installations.
- Reduce the quantity of waste generated from manufacturing processes using virgin materials.

Which processes can benefit most from this method?

Retread tires can be used on most ground vehicles at Navy shore installations.

How can this method reduce regulatory compliance concerns?

Purchasing recycled content products increases the recycled product market and reduces the disposal of recyclable materials. This practice will result in the following regulatory compliance benefits:

- Helps facilities comply with EO 13101 waste reduction and affirmative procurement requirements.
- Helps facilities comply with 40 CFR part 247 and meet the EPA's recovered materials advisory notice.
- May help facilities meet pertinent solid waste reduction goals including the Department of Defense Measure of Merit goal to ensure the diversion rate for non-hazardous solid waste is greater than 40% by 2005.



Achieving Environmental Compliance Through Pollution Prevention

Every day the Navy faces the challenge of operating and maintaining the fleet while complying with environmental regulations. This burden can be reduced by using pollution prevention technologies and methods to reduce compliance requirements. This fact sheet is one in a series designed to encourage activities to use pollution prevention technologies and methods. The overall goal of this series is to promote sustained environmental compliance at the lowest life-cycle cost.

For additional information, contact:

Information on recycled-content Vehicular Products can be found on the U.S. EPA Comprehensive Procurement Guidelines website (Web: <http://www.epa.gov/epaoswer/non-hw/procure/products.htm>)

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