

The 4 R's of Timken

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Timken Honea Path, SC Background

Facility originated in 1965

Many changes in product lines since beginning, environmental stewardship is part of core values of the facility.

Currently 99.6% landfill free facility

Canteen waste is only waste generated from the facility that is landfilled.

2015 Timken Green Globe Award Winner for Environmental Excellence

2014 South Carolina Smart Business Award Winner

2014-2017 South Carolina Environmental Excellence Program Member



The 4 R's

▶ 1. Recycle

Recycle

- ▶ Recycling Opportunities
 - ▶ Aluminum Cans - Sold for South Carolina Burned Center for Children
- ▶ Paper - Recycled into other paper products
 - ▶ Newspaper
 - ▶ Magazine
 - ▶ Copier Paper
 - ▶ Mixed Paper
- ▶ Plastic - Sold for plastic value
 - ▶ Drink bottles
 - ▶ Spray bottles
 - ▶ Plastic Wrap and Banding
 - ▶ Candy Wrappers and Chip bags



Recycle Continued

- ▶ Scrap Metal - Sold at steel scrap pricing
 - ▶ Bushlings - Parts
 - ▶ Turnings
 - ▶ Swarf - Grinding operation by-product
- ▶ Oily Filter Paper and Honing tape- Sold as Fuel for incineration
 - ▶ Concrete
 - ▶ Kiln



The 4 R's

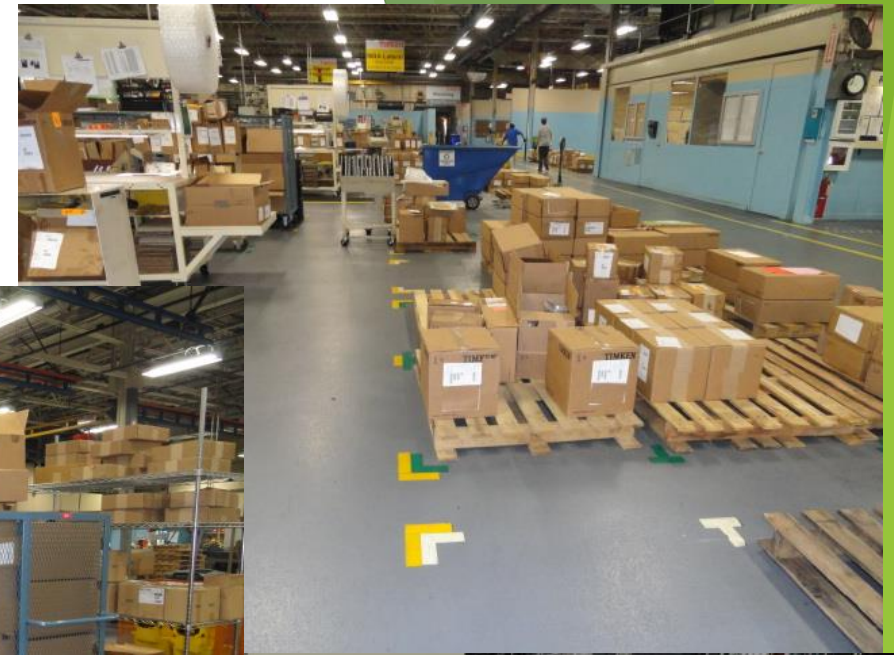
▶ 1. Recycle

▶ 2. Reuse

Reuse

► Reuse Opportunities

- All incoming packaged products are broken down into reusable bins
 - 1. Bubble wrap - placed into community bins - Savings since 2014 - \$ 12,240
 - 2. Inserts - placed onto community carts for associate access - Savings since 2014 - \$14,400
 - 3. Cardboard boxes - placed into boxes holders after all labels have been covered for reuse - Savings since 2014 - \$60,600



Reuse Continued

- ▶ Pallets - all incoming products are shipped from other Timken facilities on wooden pallets. Savings since 2014 - \$155,712
 - ▶ Size
 - ▶ Condition
- ▶ Rust Preventative - Oil used to inhibit corrosion on finished product. Savings since 2010 - \$72,672
 - ▶ Filter
 - ▶ Evaluate
 - ▶ Reuse



The 4 R's

- ▶ 1. Recycle
- ▶ 2. Reuse
- ▶ 3. Reduce

Reduce

► Reduction Activities

- Oil leak monitoring program
- Scrap work initiative
- One oil for Rust Protection for instead of 3 different ones

The 4 R's

- ▶ 1. Recycle
- ▶ 2. Reuse
- ▶ 3. Reduce
- ▶ 4. It's our **Responsibility** to be good stewards of our environment!

Responsibility

- ▶ Honea Path Associates take on the responsibility of being good stewards to the environment.
- ▶ Associates are shown Recycling and Reuse % every month along with goal to achieve for the year
- ▶ Incentives are given to associates on Earth Day the following year if goal for the facility is achieved.
- ▶ Honea Path recycles or reuses 99% of all waste generated!

The 4 R's

Questions?

