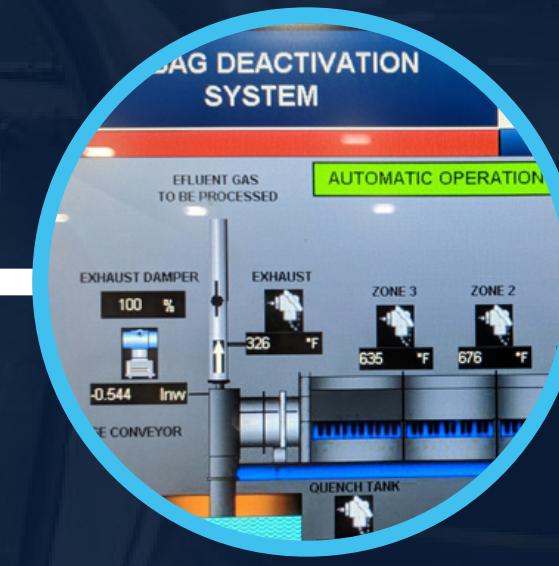




# CLEANLITES RECYCLING



## AIRBAG RECYCLING SERVICES

# OVERVIEW

For over 3 years we have been working to innovate to solve a new waste stream: airbag inflators and airbag devices. This presentation will give an overview of our recycling program and go into some details about this service.



## Trained Personnell

We have developed a trained workforce specifically for the safe handling and recycling of airbag devices.



## Dedicated Recycling Facility

We have selected and developed a brand new processing facility to handle this growing waste stream.



## Specialized Deactivation System

Our brand new Deactivation System pictured above is the cumulation of years of research and development.

AIRBAG RECYCLING

# CERTIFICATIONS & SAFETY

Cleanlites maintains a long list of certifications for each facility. We also carry a large amount of pollution and cyber-liability insurance for any unforeseen circumstances.



## Working With EPA

This facility was, from day one, a collaboration with the Ohio EPA to develop a safe and efficient recycling system for airbags.



## Comprehensive Safety & Management Plan

Our facility management system follows strict environmental health and safety policies to ensure best practices at this plant.

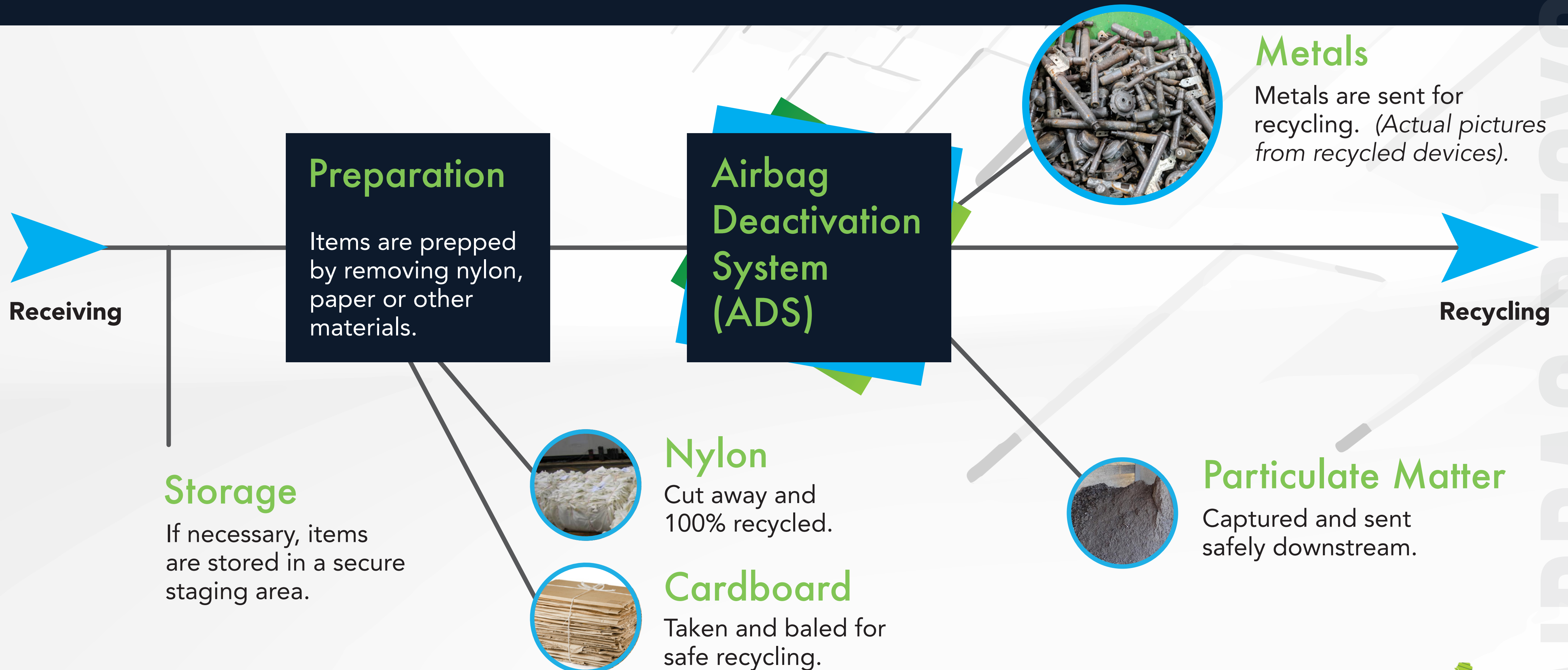


## Dedicated EHS Staff & Experts

We have several full time EHS staff whose only job is to keep facilities safe and compliant. Feel free to ask about them.

# RECYCLING FLOW CHART

This is a basic rundown of the material flow from start to finish at our Airbag Recycling facility. For specific technical information please feel free to contact our staff.



# LOCATION DETAILS

With the help of a grant from the Ohio EPA, we have been able to purchase a dedicated Airbag Recycling & R&D Facility in Wauseon, Ohio. We worked closely with EPA to make this a reality and to assure it is safe and effective.



## Central Location

We selected Wauseon OH for the location because it is close to our existing facilities and logistically advantageous.



## Planned Growth

Our 80,000 square foot facility allows for vast storage capacity and improving throughput abilities.



## EPA Approved Site

We worked with Ohio EPA not only in financing the facility and machinery through a grant but also in assuring the facility is safe and compliant.

# ADS | AIRBAG DEACTIVATION SYSTEM

Cleanlites worked closely with industry leaders in airbag manufacturing and representatives from the Ohio EPA to develop our proprietary deactivation and recycling system, ensuring the highest levels of safety and efficiency.

## Operating Capacity

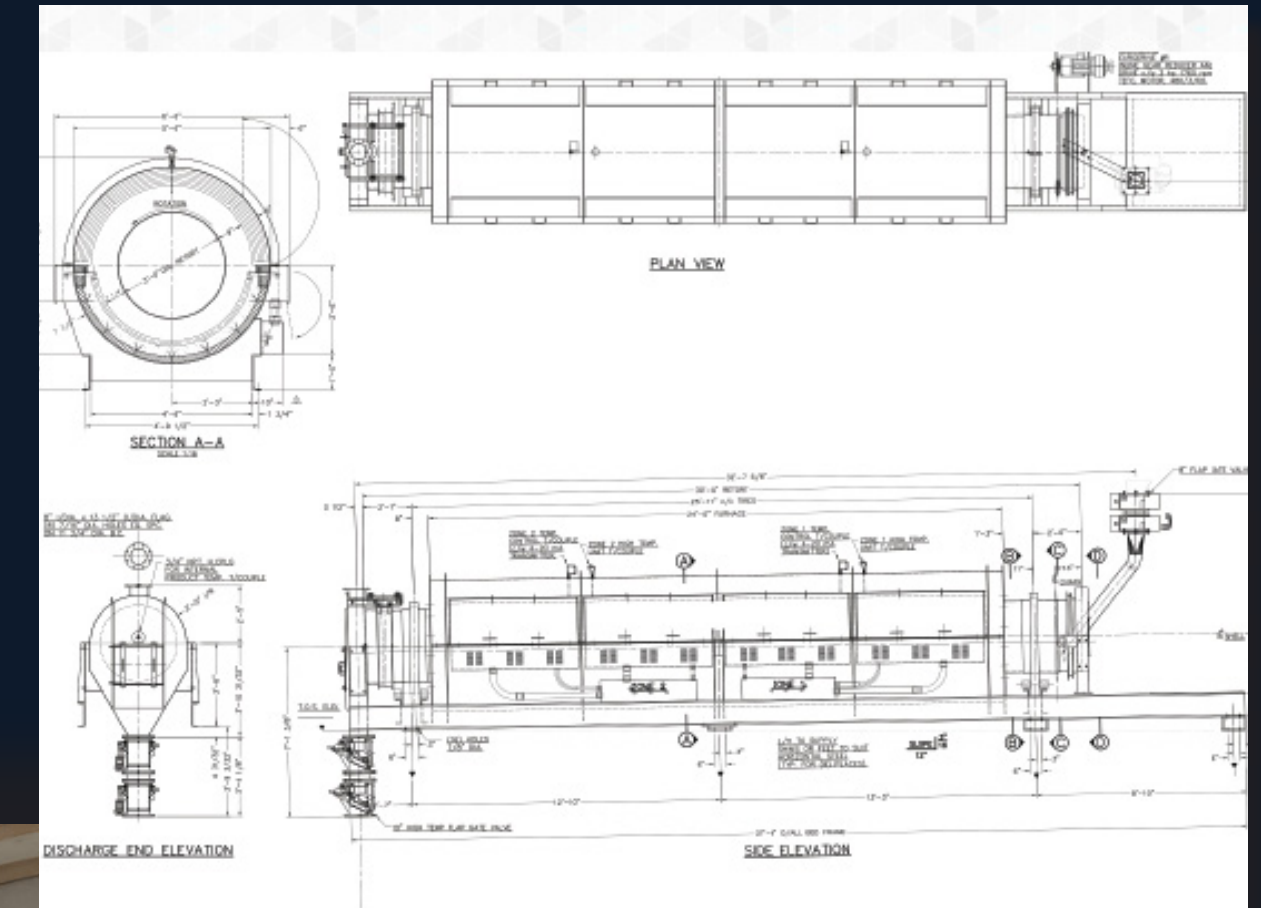
- ~1500lbs /hr
- ~12,000 lbs/shift
- ~ 36,000 lbs/day

## Operating Temperature

ADS is designed to operate at approximately 600 degrees Celcius

## Deployment of Inflators

100% of airbags deployed within the ADS



CLEANLITES  
RECYCLING

# ZERO WASTE SYSTEM

Cleanlites has developed our proprietary airbag recycling system and has been able to find sustainable downstream sources for all of the raw materials from airbag devices.



## Cardboard

Baled and aggregated and sent safely downstream.



## Metals

Aggregated by type and sent for new industrial applications.



## Nylon

Completely removed and recycled with a textile facility.



## Paper

Aggregated and baled for paper recycling.



## Plastics

Sorted by type and sent for recovery.



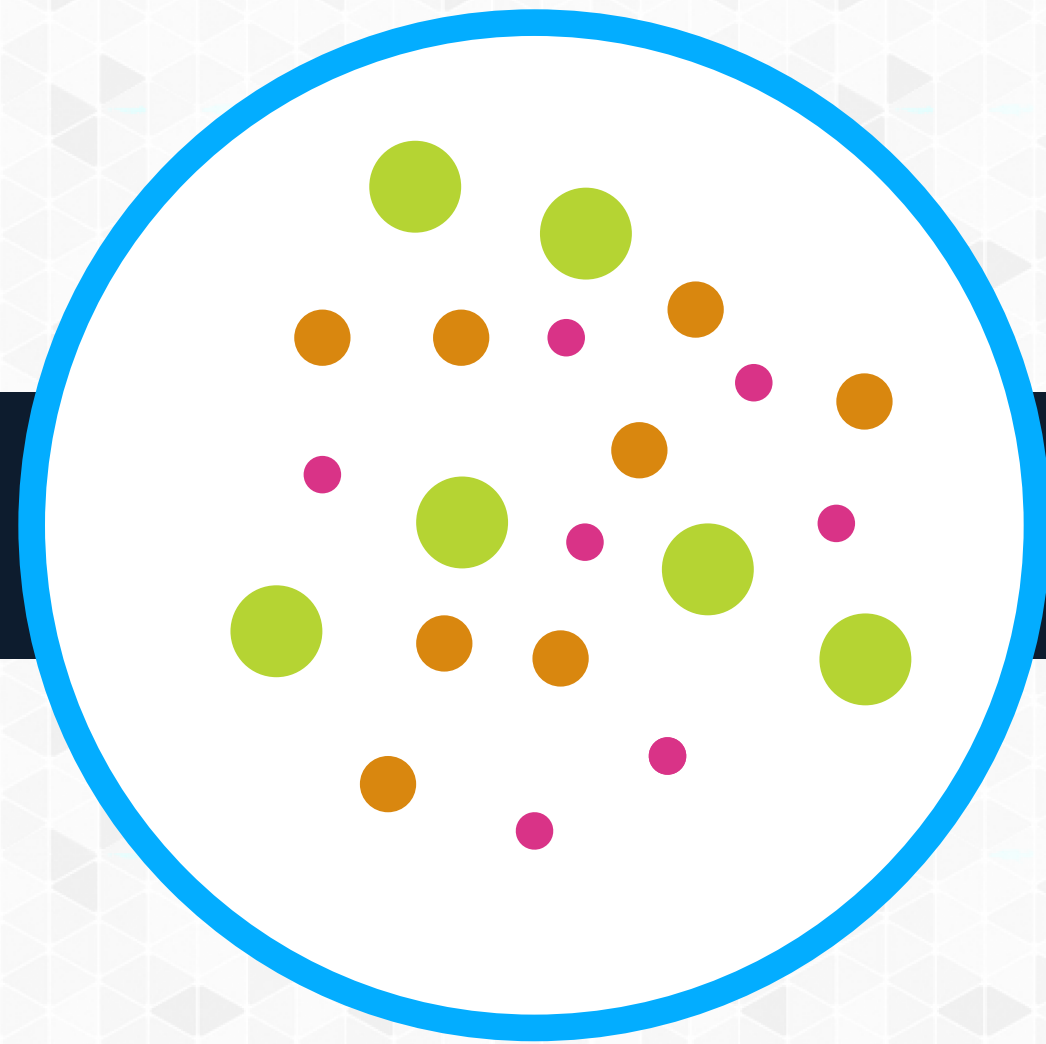
Committed to



**Zero Waste**

# AIR FILTRATION

Cleanlites worked hand-in-hand with industry experts and regulatory professionals to ensure the highest level of safety in terms of air quality for working with potentially hazardous materials such as airbag devices. Our bag house and filtration is state-of-the-art.



Off Gasses

These are produced from the deactivation of airbag devices.



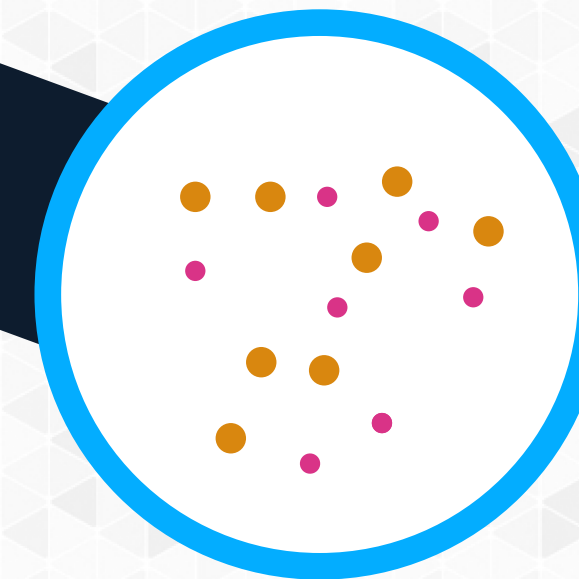
Bag House

The bag house at the Wauseon plant is EPA approved and captures all of the harmful off-gasses.



Clean Air

Released back into the atmosphere. **Cleanlites** received an air permit certified by the EPA.



Captured Particulate Matter

Particulates are captured and sent downstream.





# CLEANLITES

## RECYCLING

For further questions please feel free to contact Cleanlites either by email at [usales@cleanlites.com](mailto:usales@cleanlites.com) or by phone at 800-778-6645

[www.Cleanlites.com](http://www.Cleanlites.com)