

# Material Handling for Manufacturing Lead Oxide and Lead Acid Batteries

Lead oxide is sticky, sluggish, reactive and hazardous. At Cyclonaire, we know how difficult it is to handle. Throughout our 20+ years in the lead acid battery industry, we have introduced innovative solutions for working with a variety of lead oxides, including litharge, ball, barton and red lead.

## Cyclonaire Provides Highly Advanced Solutions for a Range of Applications

### Truck Unloading

Stand-alone blower, along with overfill protection means cleaner, safer delivery of the raw product.

### Transfer Systems

Cyclonaire transfer systems from storage to pasting are engineered and designed to ensure that every pasting line has oxide when it is needed. This ensures maximum productivity in the plating process.



## Screening

Screening the oxide ensures that the material is a consistent size, greatly reducing downtime and cleanup in the pasting process. This cleaner and more consistent screening also increases product quality.

## Storage

Manage your oxide inventory, storage levels, age and temperature with Cyclonaire automated systems. Accurate management controls help you prevent the risk of reactive fires. This all adds up to a cleaner, safer, more efficient work environment.

## Mill Production

Cyclonaire provides innovative approaches and technologies for handling lead oxide at the mill, including dense phase, dilute, vacuum dilute or combination push-pull systems. Our clean and efficient handling methods minimize airflow and humidity for greater safety.

## Automation

By integrating a Cyclonaire automation system into your process, you can monitor every aspect of the production—everything from the oxide mills to pasting—ensuring the best possible performance with less downtime in every area.



Talk to a battery product specialist about engineering, designing and automating your next project with Cyclonaire solutions.

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pneumatic conveying solutions

(800) 445-0730 | [cyclonaire.com](http://cyclonaire.com)