

## Coperion TestCenters

- Five North American locations
- Live product testing
- Hands-on customer training
- Pneumatic conveying, filtration, weighing, feeding, sifting, screening, blending, depositing, rotary moulding, cutting, extrusion, pulverizing, classifying and thermal testing



### **Kansas City, MO – Pneumatic Conveying TestCenter**

Pneumatic Conveying testing with both carbon steel and stainless steel piping ranging from 125 ft. to 975 ft. in length includes the following:

- Dense Phase (Vessel, Continuous, Low Pressure Continuous, Vacuum)
- Dilute Phase (Vacuum, Pressure)
- Small Sample Testing
- Negative Airlift

### **Filtration TestCenter**

Particle emissions testing as well as many other air filtration evaluations are available.

- High Pressure Pulse Jet Bags and Cartridges
- Medium Pressure Cleaning Bags and Cartridges
- Cyclone Efficiency Testing
- Small Scale Bench Testing
- Particle Size Analysis (PSA)

### **Whitewater, WI – Weighing and Feeding TestCenter**

- Feeding (Volumetric, Gravimetric, Batch, Vibratory)
- Weigh Feeding
- Bulk Bag Unloading

### **Bristol, PA – Sifting, Screening, Milling and Blending TestCenter**

Provides comprehensive product testing for dry materials and is fully equipped to demonstrate full-scale production, pilot and lab-size equipment.

- Sifting (Centrifugal Sifter)
- Screening (Tumbler, Vibratory)
- Size Reduction (Cone, Universal, Air Classifier Mills)
- Pre-Breaker (Kibbler)
- Blenders (Ribbon, Plow, Double Cone)

### **Naperville, IL – Pulverizing, Classifying and Thermal Processing TestCenter**

A twenty-five thousand square foot facility for testing grinding, classifying and thermal processing equipment.

- Pulverizing
- Classification
- Thermal Processing

### **Grand Rapids, MI – Food Processing Innovation TestCenter**

Food processing testing for confectionery, cookie, pet products and many others.

- Depositing equipment for testing confectionery and other deposited products
- Wirecut, Rotary Moulder and Oven for trialing cookie, bars and pet treat products
- Encapsulation testing equipment for producing filled cookies and bars
- Cutting capabilities for bars and similar processes
- Bread Moulder for trialing various tin breads, buns, rolls, artisan breads, etc.
- Industrial Extrusion equipment for paint, powder coatings and other product testing



### **Pneumatic Conveying TestCenter Capabilities:**

- Determine material handling characteristics
- Particle size analysis
- Bulk density measurement
- Confirm horizontal and vertical pickup velocities
- Flow properties



### **Filtration TestCenter Capabilities:**

- Particle size analysis
- Bulk density measurement
- Generate pressure, airflow and rate data
- Particle emissions testing
- Results used to scale/compare system design



### **Weighing and Feeding TestCenter Capabilities:**

- Features an isolated testing cell for dust and poor flowing powders, conference room and a material testing viewing room



### **Sifting, Screening, Milling and Blending Capabilities:**

- Fully equipped to demonstrate full-scale production, pilot and lab-size equipment



### **Pulverizing, Classifying and Thermal Processing TestCenter Capabilities:**

- Full size pilot tests
- Moisture analysis
- Particle size distribution measurement
- Abrasion and grindability testing



### **Food Processing Innovation TestCenter Capabilities:**

- Depositing
- Wirecut, rotary moulding and baking
- Cutting
- Bread Moulding
- Industrial Extrusion

### **Coperion**

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