

Capabilities and Services Available at Riverland Industries

Personnel

Team of experienced materials processing, manufacturing and quality control personnel.

Capabilities

Equipment & support facilities to deliver a variety of processing services. Certified to the ISO-9001 standards

Tech Service

World class expertise to solve problems

Production Services and Equipment

Size Reduction:

- ACMs (Several types and sizes)
- Swing Hammer Mill
- Roller Mill
- Roll crusher

Size Separation

- Vibratory Screens (1" to 200 mesh)
- Air Classifiers

Impregnation and Blending:

- Double Cone Blender
- Paddle Mixer
- High Shear Mixer
- Ribbon Blender

Packaging

- Boxes
- Drums (Fiber or Steel)
- Super Sacks
- Custom Packaging
- Transloading to and from Railcars or Bulk Trucks

Heat Treating:

- Fluid Bed Calciners (direct)
Ring Dryer (to 150°C)
Flash Calciners (to 600°C)
- Belt Dryers
SS with temp to 450°C
- Rotary Kiln (indirect)
CS with shell temp to 700°C

Forming:

- Agglomerating: spherical 1/2" to 1/16"
- Granulating: 1/16" to 1/100"
- Extrusion: 1/8" cylinders (Mixed Oxides)
- Pelleting

Laboratory and Q.C.:

- Moisture (FM, LOI, Static Sorption)
- Particle Size (Laser diffraction, Sieves)
- Analytical (Impurity elements by ICP)
- Physical (Crush Strength, Abrasion loss/Attrition)
- Surface Area (BET Nitrogen Adsorption)
- Porosimetry (Mercury and Water Pore Volume)