

Material Handling Systems for Environmental, Coal and Ash Applications

Altran has expert knowledge in analyzing and specifying material handling systems both existing and new. These capabilities include pneumatic, hydraulic and mechanical systems. Our full range of disciplines in Mechanical, Electrical, Civil and Structural Engineering allows us to be a single source solution for these complex systems.

Services Offered

- Project Studies including Cost Analysis
- Specification Writing
- Proposal Review
- Owners Engineer Duties
- Project Management
- Construction Management
- As-built drawing modifications
- All engineering support - Mechanical, Electrical, Structural, Civil, Power
- Modification of Operation & Maintenance Manuals
- Permitting Support

Typical projects for material handling would include:

Ash Handling

- Ash System Review and Analysis
- Ash System Extensions
- Bottom Ash or Fly Ash
- Submerged Scraper Conveyor Conversions for Bottom Ash
- Elimination of Ash Ponds
- Conversion of Wet Fly Ash Systems to Dry Systems
- Addition of Bottom Ash Recirculating Water Systems
- Addition of Fly Ash Silos or Bottom Ash Dewatering Bins
- Addressing High Carbon Fly Ash Issues
- Continuous Economizer Removal Systems

Limestone

- Truck and Rail Unloading Systems
- Storage Silos
- Silo Unloading and Delivery Systems
- Weighing and Batching Systems

Coal Conveying

- Dust Suppression and Collection Systems
- Coal Conveyor Extensions and Modifications
- Coal Unloading Systems

For more information on this capability,
Please contact us at (617) 204-1000 or
via e-mail at sales@altransolutions.com.