

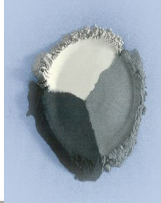


Free Offer at the bottom of the page !

### New Applications for STET™ Triboelectrostatic Technology

Since its inception in 1989, ST Equipment & Technology (STET) has developed innovative separation technologies that have provided the utility industry, with the cleanest and most cost efficient method to produce a marketable fly ash. STET has continued to develop and expand such technologies to create systems that address some of the most common fly ash challenges and have recently been successful in the beneficiating of minerals like; Calcium Carbonate, Talc and Barite. The chart on the right quantifies what success looks like for a few industrial minerals and the list of minerals doesn't end there. Everyday STET's pilot plant testing units located in Needham, Massachusetts, are using their analytical tools to assist Customers in identifying need mineral applications to utilize STET's Triboelectrostatic (DRY) separation technology.

Steqtech.com

		Calcium Carbonate	Talc	Barite	Fly Ash
Feed		<ul style="list-style-type: none"> <li>9.5% SiO<sub>2</sub></li> </ul>	<ul style="list-style-type: none"> <li>58% Talc</li> <li>42% Magnesite</li> </ul>	<ul style="list-style-type: none"> <li>200,000 TPY</li> <li>82% BaSO<sub>4</sub></li> <li>3.78 (SG)</li> </ul>	<ul style="list-style-type: none"> <li>8% - 25% LOI</li> </ul> 
	Results	<ul style="list-style-type: none"> <li>&lt; 1% SiO<sub>2</sub></li> <li>89% CaCO<sub>3</sub> Recovery</li> <li>Improved Brightness</li> </ul>	<ul style="list-style-type: none"> <li>95% Talc</li> <li>77% Recovery</li> <li>88% Talc</li> <li>82% Recovery</li> </ul>	<ul style="list-style-type: none"> <li>92% BaSO<sub>4</sub></li> <li>4.21 SG</li> <li>74% Recovery</li> </ul> 	<ul style="list-style-type: none"> <li>Processed ash: 2.5% LOI</li> </ul> 

### Triboelectrostatic Characterization Analysis



**FREE** small sample evaluation (500 grams)

STET will evaluate your material for suitability for electrostatic separation including particle size, moisture, mineralogy and tribocharging properties and provide you a Small Sample Report.

If the evaluation indicate that your material could be beneficiated by triboelectrostatic charging then a Pilot Plant Test Proposal will also be provided.