

# Flow Control of Lime Slurry (FGD)

**Case Study:** Huntsville, Alabama  
May 2009

**Industry:** Power



## Process Conditions:

<b>Size</b>	1 1/2"
<b>Valve Model</b>	CBA Style Ball Valve
<b>Quantity</b>	2 pcs
<b>Temperature</b>	140° F Max
<b>Application</b>	Control of slurry
<b>Media</b>	Lime Slurry for Flue Gas Desulfurization
<b>Pressure</b>	32 psi
<b>Problem</b>	The customer is a worldwide waste-to-energy producer with over 50 power producing facilities around the United States. The application requires abrasive resistant valves for Flue Gas Desulfurization. This is a very common application for our ceramic ball valves and in this case, the customer required ANSI sized ball valves to fit the existing plant application and withstand the highly abrasive nature of the lime slurry.
<b>SKYCERA Solution</b>	<b>SKYCERA®</b> offers a <b>CBA Style</b> Ball valve for this application complete with a replaceable v-port. The advantage <b>SKYCERA®</b> offered over other solutions includes a ball made of stronger materials along with a v-port design that can be easily changed to double the life of the existing setup with minimal investment. In addition, ultra-sealing capabilities are offered that are unheard of in ceramic ball valves, approaching bubble-tight. We manufacture over 3000 ceramic ball valves annually at our production facility.