



Customer:  Vigo Importing Co.
Tampa, FL

Material: Rice

Product: Seasoned Rice / Rice Mixes

Application: Pneumatically convey rice from two hoppers to Six packaging stations. The company handles appx. 20,000 pounds of rice per hour through the system.

- Challenge:
- 1) Replace an existing, labor intensive hoseswitching station.
 - 2) Eliminate product errors caused by the misconnection of hoses.
 - 3) Increase system efficiency.

Results:

Two Salina Vortex Wye Line Diverters met all three criteria standards. The detailed model number is DA3-2SSY-SL-MG-SM1-X. Adaptations were made to standard Wye Line Diverters as follows: The straight leg was placed opposite the air cylinder (as opposed to "adjacent to" on the standard model). This allowed easier installation into the existing piping. All inlets and outlets contained ferrule-type fittings. This allows easy removal of the valves for occasional system wash down. The valves were installed in April, 2004. As of the writing of this case history (August 2005), both valves were performing flawlessly.

