



## VORTEX GRAVITY VEE DIVERTER HANDLING KITTY LITTER FRAGRANCE

Customer: Company policy dictates name cannot be used

Material: Fragrance

Application: Independently controlled gates for material flow

Challenge: Incorporate an inspection window

Valve: Vortex Gravity Vee Diverter  
Model VA06-2SSR-60-NR-MG-WS1-X

### Results:

This international company became acquainted with Vortex products three years prior to this request. Their successes with the Orifice Gate valve lead them to contact their Vortex representative regarding another valve problem they were having.

One of their products, kitty litter, uses a fragrance ingredient that is quite sticky. They had been experiencing build up of this material within different component pieces, especially in a traditional flapper style diverter they had been using. They liked the idea of Vortex's new Seal Tite Gravity Diverter with the CIP feature. However, they really liked the features of the Gravity Vee Diverter.

The independent controls were attractive. This feature would allow them greater flexibility in diverting material to either or both sides. By using the Gravity Vee, they could do away with the slide gate they were using to shut off material flow from the flapper diverter. They wondered, though, if some kind of inspection / clean-in-place feature could be built into the outlets of the Gravity Vee.

Company engineers visited the Vortex facility in an attempt to engineer the perfect solution for their problem. A partnering effort produced a VA06-2SSR-60-NR-MG-WS1-X. Both the inlet and outlet transitions were electroplated to help alleviate build-up of the sticky material. View ports made of ¼" Lexan were installed on the outlet transitions for quick inspection of potential material build-up. The ports also offered an easy access for clean-out if it became necessary.

