EVERLASTING VALVE COMPANY
WEARS IN, NOT OUT®

Everlasting Rotating Disc Valve for Catalyst Applications

This unique valve was designed nearly 100 years ago for blowing down steam locomotive boiler solids. The U.S. Department of Energy in development of the clean coal technologies selected this valve as state of the art valve for dry solids and slurries.

The basics of the original rotating disc design have been incorporated to the Everlasting Process Valve. The flat rotating disc renews the sealing surfaces each time the valve is cycled. Due to the internal design of the valve there are no pockets for catalyst to accumulate causing jamming and the catalyst is simply pushed out of the way thereby reducing the possibility of the catalyst getting damaged and creating catalyst fines. No other valve is similar and capable of handling vacuum through 10,000 psig (689b) and temperatures to 1500F (815C).

A major licensor of refining processes now specifies the Everlasting rotating disc metal seated valve for Fluid Catalytic Crackers handling fresh catalyst and for hot CAT withdrawal. It is also listed in the “Best Practices” of a world class petroleum refiner for continuous catalyst reforming. A preeminent catalyst additive supplier has standardized on this valve concept for all their chemical injection units. Spent catalyst recyclers use them on their vacuum truck load out systems.

After initially being installed many years ago in the slurry phase distillate (SPD) system at Sasol’s wax plant in Sasolburg South Africa, Sasol selected the Everlasting valve for its two expansion projects. Additionally, the Everlasting rotating disc valve is installed on the raw wax catalyst slurry system at the ORYX GTL Plant in Qatar as well as the Chevron Escravos GTL Project in Nigeria.

Whether it’s fresh, spent, dry catalyst, or slurry, use the Everlasting Rotating Disc Valve and see your CAT valve problems disappear. There are many ways of skinning the CAT, but one best valve for catalyst slurries.

Call us today at (908) 769-0700 or visit us at www.EverlastingValveUSA.com

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QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001