

### ***High-containment powder valve passes vacuum integrity tests***

ChargePoint Technology, Liverpool, UK, has just published a paper outlining tests it has carried out to establish the sealing effectiveness of its split butterfly valve under vacuum conditions to ensure highest levels of operator and product protection during pharmaceutical and chemical processes. In a typical reactor or vessel charging application, the product being transferred would normally originate either from a hopper, container or pre-stage process unit. In order to reach the required vacuum state and inert atmosphere within the processing environment, an isolation/containment transfer valve is used. These isolation devices need to be validated to verify their vacuum and leak rate capabilities. [www.thechargepoint.com](http://www.thechargepoint.com)