

Solids handling valves gain EHEDG certification

DMN-Westinghouse, headquartered in Noordwijkerhout, the Netherlands, was recently awarded official EHEDG (European Hygienic Engineering & Design Group) Type EL Class 1 certificates of compliance for hygienic CIP (cleaning-in-place) rotary valves and a hygienic CIP plug diverter valve. The rotary valves have been tested and validated in accordance with the EHEDG guidelines Doc. 2 and Doc. 8. The major advantage of the design is that both shaft sealing areas, which are zones most at risk of possible contamination, are also purged by exactly the same CIP cycle as the rest of the equipment. The new certification applies to the company's valve types AL, AXL, AXXL, AML, BL, BXL, BXXL and SAL with PS seal and PET gaskets.

The new CIP plug diverter has been specifically designed to meet CIP requirements and accordingly has been fitted with EPDM gaskets. The diverter is of a dual tunnel construction and has patented static and inflatable seals. Thanks to its special design there is no seal in the product stream. It is suitable for powders and pellets in pneumatic conveying systems and can be mounted in five different positions. The diverter can also be used as a block valve, thereby allowing the operator to choose a full system wash-through or cleaning of just a selected part of the process system.

Examples of a SAL sanitary airlock in EHEDG version and the new CIP PTD plug diverter will be exhibited by DMN-Westinghouse during the first half of October at SOLIDS, Rotterdam, and Powtech, Nuremberg, on stands E1011 and 9-126 respectively. www.dmn.info



SAL sanitary airlock in EHEDG version (left) and the new CIP PTD plug diverter from DMN-Westinghouse