

TEST CERTIFICATE

ST-11-11-08-01

- Product:** FSI-filter vessel BFNP-12-2-304-145-2" BSP/ F (article no. BFNP1223041502BSPF) with gasket 1112-E-BFN, tripod 1112-304-BFN, evacuation float FSPN-85-125-3 and filter bags BPONG-010-P2PWE, BPENG-025-P2PWE, BNMO-055-P2PA, BPEM-300-P2P, BPMOB-300-P2P, BPOEX-025-P2PEWE, BPEEX-025-P2PEWE, BOS-003-PM-2P, BOSGR-010-PM-2P, BPONG-123-PEM-150-2P, BPONG-469-P2P, BPENG-469-PEM-150-2P, BPEIG-012-P1P as well as other types and sizes of this filter type which are similarly grounded.
- Manufacturer:** FSI Filter Specialists International GmbH
Robert-Bosch-Str. 5-7
57119 Hofheim-Wallau
- Order:** Test of the electrostatic properties of filter vessels with different filter bags for regular use in explosion hazardous areas
- Test method:** Measurement of the surface resistance according to DIN EN 61340-2-3:2000
Determination of the transferred charge according to DIN EN 13463-1:2009, appendix C

Evaluation of the charging in accordance with Cenelec Report TR 50404:2003, IEC DTS 60079-32-1:2011 and TRBS 2153: 2009 (BG-Documentation T 033:2009)
- Test report:** 271075 and 271075-1 dated August 16, 2010
- Test results:** The tested filter vessel with the above named filter bags are considered to be safe concerning electrostatic hazards after the evaluation of the electro-static chargeability for the intended application in explosion hazardous areas according to Cenelec Report TR 50404:2003, prIEC 60079-32:2009 and BG-Documentation T 033:2009 (TRBS 2153, BGI 5127) provided that a design and type-independent safe grounding of all conductive and dissipative parts (filter housing, pressure absorption basket, evacuation float, etc.) is present. It can be regular used in zones 1 and 2 for liquids of the explosion risk group I, IIA and IIB.

Dresden, 8th October 2011



Head of laboratory



Engineer in charge