

Mills

Initial situation	Project objectives	
<p>Fire alarm system in a mill consisting of i.a.:</p> <p>Three aspiration smoke detectors (2 sensor pipes each)</p> <p>Environmental conditions: frequent interruption of operation due to blocked openings of the sensor pipes due to flour dust</p> <ul style="list-style-type: none"> - false alarms - insurance requirements - risk of flour dust explosion 	<ul style="list-style-type: none"> • The use of automatic air-blast systems of Techconnet should significantly reduce process interruptions due to increasing the availability of sensor pipes. • Documented maintenance processes. • Reduction of costs caused by un-scheduled maintenance 	
Problem solution	Results	Contact person
<p>Starting with the installation of one BO 2.2 HD BlowOff unit (2-pipes version), oil-free compressed air (at 5 bar pressure) and a blow off interval of four times daily, one of 3 ASD systems should provide comparative data over a 6-month period.</p> <p>The ASD with the highest interference potential was selected.</p> <p>In case of positive results, further air-blast units BO 2.2 HD are to be installed.</p>	<p>Due to the reliable functioning of the first system during 12 months, the retrofitting of further two BO 2.2 HD systems have been realized.</p>	<p>Techconnet GmbH Tel: 030 221994580 A. Wiedemann</p>