

Bag house process specification



End-user

Company _____ Date _____
 Town _____ Fax # _____
 Contact _____ Fon # _____ e-mail _____

Please complete the questionnaire as completely as possible and diligently. If necessary, please attach additional information on a separate sheet.

<p>Dedusting process / Application</p> <p>_____</p> <p>_____</p>	<p>3. Information about the installed filter</p> <p>OEM _____</p> <p>Type / Size _____</p> <p>Number of chambers _____</p> <p>Numbers of chambers switched off during cleaning _____</p> <p><input type="checkbox"/> pre-filter available (e.g. cyclone)</p> <p><input type="checkbox"/> Filter inside building <input type="checkbox"/> Filter outside</p> <p><input type="checkbox"/> Filter is isolated <input type="checkbox"/> Filter is heated</p> <p><input type="checkbox"/> Exhaust air returned back in room</p> <p><input type="checkbox"/> Exhaust air released outside</p> <p>Filter elements <input type="checkbox"/> filter bag <input type="checkbox"/> filter pocket</p> <p>Amount _____</p> <p>Diameter _____ mm</p> <p>Flat width _____ mm</p> <p>Length _____ mm</p> <p>Design (for example disc bottom, ring, ...) _____</p> <p>Top _____</p> <p>Center _____</p> <p>Bottom _____</p> <p>Total filter area _____ m²</p> <p>Fan airflow _____ m³/h</p> <p>Material of supporting cage/frames _____</p> <p>Cleaning mechanism</p> <p>Type <input type="checkbox"/> Shaking <input type="checkbox"/> Tapping</p> <p><input type="checkbox"/> Reverse air _____ MPa</p> <p><input type="checkbox"/> Jet-Pulse _____ MPa</p> <p><input type="checkbox"/> Δp-controlled cleaning</p> <p><input type="checkbox"/> on-line <input type="checkbox"/> off-line</p>	<p>5. Operating parameters</p> <p>Air to cloth ratio _____ m³/m²×h</p> <p>Cleaning frequency _____ /s</p> <p>Cleaning interval _____ s</p> <p>Rotation time _____ s, min</p> <p>Pressure drop Δp normal / max. _____ / _____ Pa, mm WG</p> <p>Operating mode <input type="checkbox"/> continuous <input type="checkbox"/> discontinuous</p> <p>Bag house will be shut down _____ times per _____ for _____ hours</p> <p>Clean gas dust content should / is _____ / _____ mg/Nm³</p> <p>MAK _____ mg/Nm³</p> <p>Outside temperature _____ °C</p> <p>Operating temperature</p> <p>Permanent _____ °C</p> <p>Peaks _____ °C for _____ min</p> <p>Fuel _____</p> <p>Additives _____ (lime or other additives)</p>
<p>1. Type of dust</p> <p>Dust type _____</p> <p>Dust characteristics</p> <p><input type="checkbox"/> hygroscopic <input type="checkbox"/> grain size <input type="checkbox"/> gross/rough <input type="checkbox"/> medium <input type="checkbox"/> fine <input type="checkbox"/> very fine</p> <p><input type="checkbox"/> agglomerating <input type="checkbox"/> abrasive <input type="checkbox"/> adhesive <input type="checkbox"/> corrosive <input type="checkbox"/> electrostatically chargeable <input type="checkbox"/> toxic <input type="checkbox"/> oleaginous <input type="checkbox"/> other _____</p> <p>Particle size distribution</p> <p>< 3 μm _____ < 10 μm _____ Ma-%</p> <p>< 5 μm _____ < _____ μm _____ Ma-%</p> <p>Chemical composition _____</p> <p>_____</p> <p>_____</p>	<p>4. Information about present filter media</p> <p>Quality name _____</p> <p>Material _____</p> <p>Grammage _____ g/m²</p> <p>Air permeability _____ l/dm²×min at 20 mm WG</p> <p>Surface treatments and finishes _____</p> <p>_____</p>	<p>6. Operating experience</p> <p>Previous bag life _____</p> <p>Problems _____</p> <p>_____</p> <p>_____</p>
<p>2. Information on the raw gas</p> <p>Airflow _____ m³/h at _____ Pa at _____ °C</p> <p>Gas analysis</p> <p>H₂O _____ Vol-%</p> <p>CO₂ _____ O₂ _____ Vol-%</p> <p>SO₂ _____ SO₃ _____ mg/Nm³</p> <p>NO_x _____ HCl _____ mg/Nm³</p> <p>HF _____ mg/Nm³</p> <p>_____</p> <p>Raw gas dust load _____ g/Nm³</p> <p>Moisture _____ g/Nm³, rel.%</p> <p>pH-value _____</p> <p>Dew point water / acid _____ / _____ °C</p> <p>pass through _____ times per _____ (day/month/year)</p>	<p>7. Other</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>WOKU Filtermedien GmbH & Co. KG Kaiser-Wilhelm-Str. 90 D-59269 Beckum Tel. + 49 - 25 25 - 80 750-0 Fax + 49 - 25 25 - 80 750-80 info@woku.de http://www.woku.de</p>
<p>Bad Lauchstädter Filtermedien GmbH & Co. KG Ahornstr. 3a D-06246 Goethestadt Bad Lauchstädt Tel. + 49 - 3 46 35 - 2 15 80 Fax + 49 - 3 46 35 - 2 15 62 info@blf-filter.de http://www.blf-filter.de</p>	<p>WOKU Baltica Bendra Lietuvos-Vokietijos UAB Neries kr. 16b LT-48402 Kaunas Tel.: +370 - 37 - 36 35 22 Fax: +370 - 37 - 36 28 50 info@woku.lt http://www.woku.de</p>	

In order to ensure faster processing, the questionnaire should be completed as fully and conscientiously as possible. If necessary, additional information can be inserted on a separate sheet.