

# Questionnaire



Company :  
 Location :  
 Person in charge :  
 Division :  
 Telephone :  
 Telefax :  
 E-mail :

1. **Process** : .....
2. **air volume** : ..... m<sup>3</sup>/h air  
 Volume : ..... Sm<sup>3</sup>/h
3. **Air temperature** : ..... °C
4. Air density : ..... kg/m<sup>3</sup>
5. Air contents : ..... Vol%
6. Humidity in air : .....  
 gH<sub>2</sub>O/kg<sub>lufttr</sub>
7. Dew point : ..... °C
8. Process situations below dew point possible?  
 : yes  no
9. **Type of dust** : .....
10. Character dust air/gas  
 Dry and dedustable   
 Sticky   
 Dust bridges possible   
 Hygroscopic   
 Fibred   
 Alkali / acid   
 Dangerous to health    
 Corrosive / abrasive    
 Incinerable    
 Explosive    
 Others:
11. **Raw air dust content** : ..... mg/m<sup>3</sup>
12. **Raw air dust content max.** : ..... mg/m<sup>3</sup>
13. Size of particles : .....
14. Bulk density : ..... kg/m<sup>3</sup>
15. Pressure at unit entry : ..... Pa
16. Clean air dust content : ..... mg/m<sup>3</sup>
17. Recirculation required : yes  no
18. Safety filter stage : yes  no
19. Filter unit conductible : yes  no
20. **Unit expl. shock resistant** : yes  no   
 MEP : ..... bar  
 K<sub>max</sub> : ..... bar/m/s  
 Min. ignition energy : ..... mJ  
 Ignition temperature : ..... °C
21. **Ex-Zone** : yes  no   
 Inside filter unit : .....  
 Outside filter unit : .....  
 Outside Control cabinet : .....

22. Operation of filter unit  
**Continuous** : yes  no   
 Not continuous : 1  - 2  - 3  - shift  
 Stop of filter unit for 3 minutes during process for  
 Regeneration possible? : yes  no
23. Filter type: HEPA, cassette
24. Change of filter cassette:  
 without requirements : yes  no   
 Safe change / baginbagout : yes  no   
 Others : .....
25. Dust discharge  
**One way container** : yes  no   
 Lid bag : yes  no   
 Safe change : yes  no   
**Continuous liner** : yes  no   
 Other : .....  
 HET Type : C .....
26. **Material:** : St37.2 / 1.4301 / AISI304  
 raw air area    
 clean air area
27. **Design of unit**  
 Standard (screwed) : yes  no   
 Gastight (welded) : yes  no   
 GMP design : yes  no   
 Over-/under pressure up to: ..... mbar
28. Maintenance during process : yes  no
29. Location outside : yes  no
30. Available space for installation: .....x.....x.....  
 (length, width, high)
31. **Ventilator required** : yes  no   
**Ventilator pressure** : ..... Pa  
 Voltage : ..... V ... Hz
32. Sound level required;  
 sound pressure level : ..... / ..... dB(A)
33. Other remarks:  
 .....  
 .....  
 .....

[Marked Fields are obligatory]