

Successful Vacuum Drying!



QUESTIONNAIRE VACUUM DRYER Continuous or Batch Process

Company:

Department / Reference:

Address:

Contact person:

Telephone: E-mail:

1. Product to be dried.....
2. Moisture to be removed (water or solvent).....
Explosion-proof yes / no; class
3. Required production of dry product..... kg/h
Min./Max. Batch weight..... kg
Feed of wet product kg/h
4. Does the dry product have to be produced continuously or discontinuously (in batches)?.....
Dry substance wet product.....% DS
Dry substance dry product desired.....%DS
5. Temperature of wet product..... °C
Max. allowable temperature during drying °C
Desirable operating vacuum mbar abs.
6. Does the dry product have to be cooled?.....
If so, at what temperature? °C
7. Description of wet product.....
(Paste, lumps, granulate, etc.
Thin, viscous, sticky, etc.)
Has the wet product been treated by centrifuging, screening, pressing, etc.?
8. Viscosity of the wet product
9. Does the product change during drying? (Become sticky, form lumps)
10. Character of the dry product (lumps, crystals, granulate, powder, etc., hygroscopic)
11. Specific gravity: Wet product.....kg/m³
Dry product.....kg/m³
12. Available energy supply:
Pressure..... bar
Temperature..... °C
Heating circuit (steam, hot water, thermal oil)
13. Available cooling medium: Pressure bar
Temperature..... °C
14. Electric power (phases / volts / cycles).....
Motors: System of protection IP
15. Material and design of the vacuum drier
16. Supply of related equipment:
 Vacuum pumps Steam jet injector
 Condenser Collecting tank
 Discharge Granulator
 Control system Heating / Cooling
17. What type of vacuum pump do you prefer?.....
18. Other comments:.....

Date / Signature: