QUESTIONNAIRE

to order filter equipment

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Company |  | | | | | | | | | | |
| Industry |  | | | | | | | | | | |
| Full name |  | | | | | | | | | | |
| Job title |  | | | | | | | | | | |
| Country |  | | City | |  | | | | Index | |  |
| Address |  | | | | | | | | | | |
| Area code |  | Tel . | |  | | | | Fax | |  | |
| Email: |  | | | | | Http: |  | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| To order a filter type | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | in quantity | | | | | | | |  | | | | | | pcs. on | | | |  | year |
| 1. Name of suspension | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Chemical composition of the solid phase | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Chemical composition of the liquid phase | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1. Required performance, (specify dimension): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | by suspension | | |  | | | | | | | | | | | by filtrate | | | | | | | | | |  | | | | | | | | | by sediment | | | | | | | | |  | | | | |
| 4.2. Filtrate purity, mg/l | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.3. Permissible size of solid particles in the filtrate, microns | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.4. Sediment moisture, % | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Content of the solid phase in the suspension (% mass, t :l or g/l of suspension) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Temperature of the filtered suspension, °C | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. The nature of the solid phase of the suspension ( underline as necessary ) | | | | | | | | | | | | | | | | | | | | | | | | crystal | | | | | | | amorphous | | | | | | | | fibrous | | | | | | | | | colloidal | | |
| 8. Particle size of the solid phase, microns ; their content in suspension, % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Density of the solid phase of the suspension, t/ m3 | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. The nature of the resulting sediment ( underline as necessary ): | | | | | | | | | | | | | | | | | | | | | | | | | | | grainy | | | | | | | crumbly | | | | | | | | | | | | breaking | | | | |
| cracking | | | | | | | | | | smearing | | | | | | | | | | | cemented | | | | | | | | | | | sticky | | | | | | | | | | lasting | | | | | | | | |
| 11. Chemical activity of the liquid phase, pH | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Presence of chlorine ions | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. Viscosity of the liquid phase, P 3 ( cP ) | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. Product fire and explosion hazard group , GOST 12-1011-78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |
| 14. Toxicity, GOST12-1007-76 | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. Sediment washing required: | | | | | | | | | | | | | | Yes | | | |  | | | | | | No | | | | | | |  | | | | |  | | | | | | | | | | | | | | |
|  | | Consumption of washing liquid, % of the mass of wet sediment, name of washing liquid | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Residual content of soluble substances in the sediment | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. Separation of filtrate and washing liquid is required | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | Yes | | | | | | | |  | | | | No | | | |
| 17. Requires the use of an auxiliary alluvial layer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | Yes | | | | | | | |  | | | | No | | | |
| 18. In what form should sediment be removed? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | | doesn't matter | | | | | | |  | | | In dry relatively | | | | | | | | | | | | | | | | | |  | | in the wet | | | | | | | |  | | | | in paste | | | |
| 19. Method of creation | | | | | | | | | | | |  | | | vacuum | | | | | | | |  | | | excess pressure | | | | | | | | | | | |  | | hydrostatic pressure | | | | | | | | | | |
|  | Pressure value, MPa | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20. Used after filtering | | | | | | | | | | | | | | | | | | | |  | | | | | sediment | | | | | | |  | | | filtrate | | | | | | | | | | | | | | | |
| 21. Main construction material | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22. Required filtration surface area, m 2 | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23. Required degree of mechanization and automation | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24. Filter partition | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25. The filter was selected by the customer based on | | | | | | | | | | | | | | | | |  | | analogies with other production | | | | | | | | | | | | | | | | | | | | | |  | | | no experience or data available | | | | | | |
| Special technical requirements | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date completed | | | | | |  | | | | | | | | | | Signature | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | |
| We guarantee that the information you provide will not be publicly disseminated or provided to third parties. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M.P. | | | | | | | | |

## **The questionnaire must be confirmed by a stamp**