

PHASE SEPARATOR COALESCER

Information sheet for the execution of a quotation

I. APPLICATION

II. OPERATING DATA

- total flow rate _____ m³/h
- operating temperature _____ °C
- operating pressure _____ bar g
- solids (kind, size) _____
- kind of dispergation respective conveyance (stirring, centrifugal pump, etc.)

a. main phase / coherent phase:

- flow rate _____ m³/h
- density _____ kg/m³ (____ °C)
- viscosity _____ mPas (____ °C)
- pH _____

b. dispersed droplet phase:

- flow rate _____ m³/h
- density _____ kg/m³ (____ °C)
- viscosity _____ mPas (____ °C)
- pH _____
- concentration _____ vol % / wt %
- remaining concentration required _____ ppm
- interfacial tension between main and dispersed phase
_____ mN/m _____ vol % / wt %

settling experiment:

- dimension of settling vessel (\varnothing , height) _____ mm
- filling height of the settling vessel _____ mm
- settling time _____ sec
- Which is the dispersed phase a. or b.? _____
- optical evaluation of phase a. _____
- optical evaluation of phase b. _____

III. DESIGN DATA

- design pressure _____ bar g
- design temperature _____ °C
- design code _____
- material _____
- process connections (DIN, PN / ANSI) _____

IV. OTHER INFORMATION

Remark: If necessary, add a drawing of the installation area.

FRANKEN FILTERTECHNIK KG

Contact information:

FRANKEN FILTERTECHNIK KG
Max-Planck-Strasse 7
50354 Huerth
Germany

Phone: +49 (0) 2233 97440-0
Fax: +49 (0) 2233 97440-40
E-mail: info@frankenfilter.com