

## Personal Data

Company \_\_\_\_\_  
 ZIP, City \_\_\_\_\_  
 E-Mail \_\_\_\_\_

Phone \_\_\_\_\_  
 Contact person \_\_\_\_\_

## Data for dimensioning

Component	Unit	1	2	3	Mixture
Name		_____	_____	_____	_____
Fluidum class (PED)		_____	_____	_____	_____
Gaseous, liquid, solid *		_____	_____	_____	_____
Flow rate	minimum	_____	_____	_____	_____
	normal	_____	_____	_____	_____
	maximum	_____	_____	_____	_____
Viscosity at operating conditions		_____	_____	_____	_____
Density at operating conditions **		_____	_____	_____	_____

\* For suspension | dust | solids: Indicate pararticle size

\*\* For solids: Indicate bulk density

## Are the components

soluble  insoluble in each other

Soluble components \_\_\_\_\_  
 Disired Homogeneity \_\_\_\_\_  
 Insoluble components \_\_\_\_\_  
 Interfacial tension \_\_\_\_\_  
 Desired droplet | bubble size \_\_\_\_\_  
 Type of settler after the mixer \_\_\_\_\_

## Operating Conditions

Pressure \_\_\_\_\_ Temperature \_\_\_\_\_

## Flow Pattern

Uniform  Pulsating with pulsation factor  \_\_\_\_\_

## Max. allowed pressure drop

\_\_\_\_\_

## Planned installation

Horizonal  Vertical, whereas  Flow up  Flow down

## Planned pipe diameter

\_\_\_\_\_ Other diameter possible? yes  no

## Material of construction

Mixing elements V4A | AISI 316  Polypropylene  PVDF   
 Mixer pipe V4A | AISI 316  Polypropylene  Carbon steel, PTFE

## Design

Mixing elements  
Mixer pipe

Non removable       Removable   
With weld ends       With flanges   
With dosing pipe NPS \_\_\_\_\_      With jacket

## Flange type

EN 1092-1 PN16       DIN 11851   
ANSI B 16.5 150 lbs       (Sanitary screw connection)

Inner pipe

Design pressure \_\_\_\_\_      Design temperature \_\_\_\_\_

Jacket

Design pressure \_\_\_\_\_      Design temperature \_\_\_\_\_

PED Category | module \_\_\_\_\_

Design Code \_\_\_\_\_

## Notes