Data sheet for Centrifugal separator

Customer information		
Enterprise title		
Contact details	Phone:	e-mail:
Contact person		
Facility adress		
Own collection	☐ Yes	☐ No

Technological parameters		
Required number of separators and mode of operations, pcs.		
Explosion group		
Operating medium and its composition, %		
Operating pressure and pressure fluctuation within 24 hours, MPa		
Design pressure, MPa		
Gas production rate and its fluctuation at standard conditions (P=101300 Pa, t=0°C), nm3/h		
Maximum gas rate at minimum pressure, nm3/h		
Minimum gas rate at maximum pressure, nm3/h		
Liquid treatment capacity and its fluctuation (dripping liquid content in gas flow), m^3/ч		
Availability of supercritical liquid flow (liquid plug) at the inlet		☐ yes, of a volume _____ m^3
Vapour-phase density, kg/m^3		
Liquid phase density, kg/m^3		
Temperature and its fluctuation, °C	operating medium	
	ambient	
	coldest five-day period	
Material preferred		☐ steel 20 ☐ 09G2S ☐ 12X18H10T ☐ other _____
Corrosion rate (erosion), mm/year		
Availability and solid particles maximum size in the operating medium at the inlet		☐ Yes, at size up to _____ μm
Availability and maximum size in processed gas		solid particles, at size up to _____ μm
		moisture, at size up to_____ мкм
Seismicity, points		
Wind load as per SniP 01.07-85		

Projected service life, years	☐ Up to 10 ☐ up to 20 ☐ up to 30
Working mode	☐ periodic ☐ continuous
Internal diameter of loading line	operating medium inlet, _____ mm gas outlet, _____ mm liquid discharge, _____ mm

Design requirenments		
Outlet fitting	☐ vertical	☐ horizontal
Accumulation tank	☐ yes, of height 500 mm ☐ no	☐ yes, of height 1000 mm ☐ other, _____
Support design as per ATK 24.200	☐ leg support ☐ post support ☐ embedded plastic for support	☐ lug support
Accumulation tank heating system	☐ electric heating ☐ pipe coil ☐ no	
Stairs and service platform	☐ yes	☐ no
Counterflange, tightenings and fasteners	☐ yes	☐ no
Liquid discharge unit	☐ with by-pass line ☐ hand operated discharge	☐ without by-pass line ☐ no
Control cabinet	☐ explosion-proof design ☐ common design ☐ no	

Connecting pipes checklist

☐ liquid-gas mixture inlet	☐ manway	☐ level transmitter
☐ gas outlet	☐ termometer	☐ pressure gauge
☐ liquid discharge	☐ thermal converter	☐ pressure transmitter
☐ drain	☐ dump valve	☐ heat-transfer medium inlet
☐ cleaning	☐ level gauge	☐ heat-transfer medium outlet
☐ steaming	☐ level gauge case	☐ access
☐ gas discharge	☐ differential pressure gauge	☐ differential pressure transmitter
☐ other,_____		

Notes

_____ _____

full name and signature of customer's representative — document date