

Screw pumps order checklist, “PermEngineeringGroup”, LLC

Customer _____
 Quantity _____ unit(s). Analogue _____
 Annual demand _____ unit(s)
 Approximate purchase date _____

№	Characteristics	Size	Consumer's requirements
1	Functional characteristics		
1.1	Current liquid capacity	m ³ /day	
1.2	Perspective liquid capacity	m ³ /day	
1.3	Differential pressure	MPa	
1.4	Receiver pressure	MPa	
2	TRANSFERRING ENVIRONMENT		
2.1	Solids content:	Mg/l	
2.1.1	Mass concentration	g/l	
2.1.2	Particles dimensions (abrasive/non-abrasive)	mm	
2.2	Operating temperature, tp,	°C	
2.3	Gas factor	m/ton	
2.4	Mixture water content	%	
2.5	Hydrogen sulfide concentration	g/l	
2.6	Viscosity (kinematic) at tp,	m ² /s	
2.7	Density at tp,	Kg/ m ³	
2.9	Chemical composition		
3	EXPLOITATION CONDITIONS		
3.1	Climate and accommodation conditions during the use in accordance with GOST 15150-69		
3.2	IIYЭ Class of Explosion and Fire zone placement		
4	SET TYPE		
4.1	Pump with mechanical seal		
4.2	Pump with gland seal		
4.3	Pressure control sensors		
4.4	Control station		
5	ANNEX		
5.1	Piping scheme		
5.2	Vertical drop from the pump place to the transfer point		
5.3	Transfer pressure	MPa	
5.4	Multiphase pump transfer pressure (in case of previous use)	MPa	
5.5	Receiver pressure	MPa	

Checked by _____
 (name, position, date)

Adress: _____
 Phone: _____
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