



Questionnaire for Ejector Flotation Machine

Please fill out this questionnaire and send it to us at office@npo.by

Customer:

Company:	
The contact person:	
Address:	
Tel.:	
Fax:	
e-mail:	
Project name:	
Date:	
Signature:	

Process information:

Operational conditions:	☐ indoors	☐ outdoors
Type of processed ores:		
Flotation machine type:		
Purpose of the device:	☐ rougher flotation ☐ cleaner flotation ☐ recleaner flotation	
Description of the flotation process:		
Quantity of flotation machines, pcs.		

Flotation feed characteristics:

Volumetric pulp output:	Dimension	Magnitude
– feed	m ³ /h	
– froth product	m ³ /h	
– chamber product	m ³ /h	
Solids intake:		
– feed	t/h	
– froth product	t/h	
– chamber product	t/h	



Irregularity ratio						
Solid content in feed, %						
Solid content in froth product, %						
Solid content in chamber product, %						
Feed density	kg/m ³		(L/S)			
Solid density, kg/m ³						
Liquid phase density, kg/m ³						
Media pH						
Operational temperature, °C						
Chem.composition of the solid phase:						
Chem.composition of the liquid phase:						
Maximum grain size, mm						
Average particle size, mm						
Granular composition of the feed solid phase (sieve analysis):	mm	mm	mm	mm	mm	mm
	%	%	%	%	%	%
Viscosity of the liquid phase, Pa•s						
Flotation time, min						
Reagents applied:						
Collecting agents, g/t						
Regulator components, g/t						
Frothing agent, g/t						
Others						
In case of new productions:						
Description of the tests performed. Availability of report.						
Full opening grain size, mm:						
Requirements for flotation products:						
Foam product quality:						
Chamber product quality:						



Special requirements for flotation machine design:				
Recommended housing material (steel grade)	☐ carbon	☐ stainless steel	☐ others	
Availability of body lining	☐ yes	☐ no	☐ others	
Weight limit, kg, no more				
Category of production premises				
Fire and explosion hazard group of the product				
Toxicity class of emitted vapors (dust)				

Additional information: