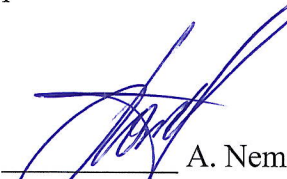



## RMG Copper

### APPROVED:

Managing director for Production  
products JSC «RMG Group»

  
A. Nemokaev  
«21» 12 2025 r. 

## Technical requirements for reagent dosing pump purchase

Tbilisi, 2025

## 1. PURPOSE OF USE

The pumps will be used for precise dosing of following reagents:

- Oxal T-92 reagent;
- Butyl Xanthate 90%.

## 2. TECHNICAL CHARACTERISTICS

№	Name	Main technical requirements
<b>Required quantity: 13 pieces in accordance with Appendix 1</b>		
<b>Terms of use:</b>		
1	Climatic version	Moderate
2	Ambient temperature, °C	+5...+40
3	Sea elevation, m	730
4	Working hours a day, hr	24
5	Suction lift, meter (maximum)	2
<b>Medium characteristics</b>		
6	Medium type	<ul style="list-style-type: none"><li>- Oxal T-92 reagent;</li><li>- Butyl Xanthate 90%.</li></ul>
7	Medium temperature, °C	+10...+25
8	Foam factor	Not applicable
<b>Pump requirements:</b>		
9	Rated capacity, liter/min	in accordance with Appendix 1
10	Dosing head material	Stainless Steel 1.4435
11	Valve ball	Stainless Steel
12	Gasket	PTFE
<b>Motor and Enclosure:</b>		
13	Motor type	Stepper motor, PMS motor
14	Enclosure class	IP65
15	Rated voltage	220 V AC
16	Max. Power, W	Up to 100 W
17	Main frequency, Hz	50
18	Availability of frequency regulation	Yes
19	Analog input for dosing control	4-20 mA
20	Accuracy of repeatability, %	1.5 or less

## 3. WARRANTY

The warranty period is 12 months from the date of completion of acceptance testing or 24 months from the date of delivery to the customer's warehouse

#### 4. LIST OF REQUIRED DOCUMENTATION

Supplier provides customer with following technical documentation:

N	Documentation	Submission period
1	Dimensional drawing	With equipment
2	Operating and maintenance instructions	With equipment
3	Spare parts catalog (electronic version)	With equipment
4	Electrical diagrams	With equipment
5	Conformity and origin certificates	With equipment

#### 5. DELIVERY TERMS

The goods must be delivered under the following terms: DDP station, Kazreti, Georgia.

#### APPENDIX 1

Reagent Butyl xanthate 90%				Reagent Oxal T-92			
Dosing range	Inlet pressure	Suction lift	Required quantity	Dosing range	Inlet pressure	Suction lift	Required quantity
liter/min	bar	meter	pcs	liter/min	bar	meter	pcs
0,3-1,5	0-0.5	< 2	1	0,1-0,45	0-0.5	< 2	1
0,3-1,5	0-0.5	< 2	1	0,1-0,25	0-0.5	< 2	1
0,3-1,5	0-0.5	< 2	1	0,05-0,2	0-0.5	< 2	1
0,05-0,55	0-0.5	< 2	1	0,05-0,1	0-0.5	< 2	1
0,05-0,25	0-0.5	< 2	1				
0,2-0,9	0-0.5	< 2	1				
0,2-0,9	0-0.5	< 2	1				
0,2-0,9	0-0.5	< 2	1				
0,1-0,5	0-0.5	< 2	1				

Elaborated



R. Suiunov

I&A Engineer

Confirmed



K. Kekelidze

Enrichment plant Manager