



## CURRICULUM VITAE

<b>Name</b>	<b>NIKOLAY NIKOLAEV NESTOROV</b>
<b>Address (business)</b>	University of Mining and Geology "St. Ivan Rilski, Department of Mineral Processing and Recycling
<b>E-mail</b>	<a href="mailto:n.nestorov@mgu.bg">n.nestorov@mgu.bg</a>
<b>Dates</b>	02.2025 →
<b>Positions (at moment)</b>	<b>Assistant Professor</b> University of Mining and Geology "St. Ivan Rilski", Department of Mineral Processing and Recycling
<b>Dates</b>	05.2021 – 02.2025
<b>Occupation or position held</b>	<b>Engineer sampler</b> Sampling of surface and underground water sources, soil substrates, technological products and radiological dosimetry control.
<b>Name and address of employer</b>	DIAL Ltd, Certified testing laboratory, 1830 Sofia – Buhovo, 111 Mina Buhovo str.
<b>Dates</b>	01.2013 г. – 05.2021
<b>Occupation or position held</b>	<b>Enrichment Engineer</b> Testing of technological products from production processes, soil samples, bulk products, soles, landfills, surface water, piezometers and others. Preparation of offers for carrying out research. Preparation of samples for technological research. Preparation of samples for chemical research. Planning a research program. Conducting full technological research to determine possibilities for extracting or purifying samples and products (gravity, flotation, magnetic, hydrometallurgical, etc.). Conducting research on the phase distribution of gold and silver in ores and products from their processing. Preparation of detailed reports on the research performed.
<b>Name and address of employer</b>	Eurotest-Control Ltd, 1517 Sofia, 108 Bessarabia str.
<b>Dates</b>	07.2012 – 01.2013
<b>Occupation or position held</b>	<b>Machine operator</b> Sampling of technological products, ore, soil and water samples. Preparing and manipulating samples in the "Fire Assay Analysis". Preparing samples for chemical tests. Conducting basic studies on enrichment of technological samples.
<b>Name and address of employer</b>	Eurotest-Control Ltd, 1517 Sofia, 108 Bessarabia str.
<b>Dates</b>	02.2007 – 07.2012
<b>Occupation or position held</b>	<b>Sampler</b> Preparation of ore and soil samples for chemical analysis. Loading and processing of samples in the "Fire Assay Analysis". Sampling of technological products, ore, soil and water samples.
<b>Name and address of employer</b>	Eurotest-Control Ltd, 1517 Sofia, 108 Bessarabia str.

**Dates** 07.2004 – 02.2007  
**Occupation or position held** **Sampling Specialist**  
 Sampling and preparation for analysis of ore, soil and water samples.  
**Name and address of employer** Eurotest-Control Ltd, 1517 Sofia, 108 Bessarabia str.

**Dates** 10.2003 – 07.2004  
**Occupation or position held** **Mechanic**  
 Maintenance, preventive maintenance and repair of machines, devices and peripheral equipment  
**Name and address of employer** Eurotest-Control Ltd, 1517 Sofia, 108 Bessarabia str.

**EDUCATION AND TRAINING**

**Dates** 09.2015 – 12.2024  
**Title of qualification awarded** Educational qualification degree "Master",  
**Educational institution** specialty „*Management of the Mining and Processing of Minerals*“, subject of the thesis: „Optimizing the efficiency of technological processes in the beneficiation of copper porphyry ores “

**Educational institution** University of Mining and Geology “St. Ivan Rilski”, Sofia, Bulgaria

**Dates** 05.2005 – 06.2010  
**Title of qualification awarded** Engineer - Enricher, Educational and Qualification Degree "Bachelor", specialty "Mineral Technologies", Diploma No. 12424 of 11.07.2014, Series MGU-2014

**Educational institution** University of Mining and Geology “St. Ivan Rilski”, Sofia, Bulgaria

**Dates** 09.1995 – 09.2000  
**Title of qualification awarded** Cold treatment of metals  
**Educational institution** "Nikola Y. Vaptsarov" Vocational School of Mechano-Electrical Engineering

**Other language(s)** **English and Russian**

**Self-assessment according to The Common European**

**Framework of Reference for Languages**

**English**

**Russian**

Understanding				Speaking				Writing	
Listening		Reading		Conversation		Presentation			
B1	Self-contained	B1	Self-contained	B1	Self-contained	B1	Self-contained	B1	Self-contained
A2	Basic	A2	Basic	A2	Basic	A2	Basic	A2	Basic

**Professional information and applications**

**Professional and Research interests (keywords)**

Enrichment of solid minerals and recycling of secondary raw materials, processing of industrial solid and liquid waste, mineralogy and petrography, grain size preparation of raw materials, mechanical engineering, mechanics, flotation technologies, physical and chemical methods for mineral enrichment, technological design of enrichment plants.

**Publications**

Co-author of 2 publications in specialized international peer-reviewed and Bulgarian scientific publications and collections.

**Projects**

Participation in numerous research and technological projects in Bulgaria.

**Participation in scientific sessions, conferences and congresses**

**Participation in scientific sessions and congresses in Bulgaria:**

- International scientific conferences of University of Mining and Geology "St. Ivan Rilski", 2024.

**Participation in scientific sessions and congresses abroad:**

- XXVII International Mineral Processing Congress, September 2014, Santiago, Chile;

**Other professional skills**

Machines and apparatus designed and put into operation:

1. Rotary unit for conducting phase analyses of gold and silver.
2. Unit for conducting CIP and CIL cyanide studies.
3. Unit with a rotary table for field measurements of pH, electrical conductivity, dissolved oxygen and temperature of water samples.
4. Pressure cylinder for dehydration of technological products.

Technical skills for working with specialized equipment for the design, construction and maintenance of machines and apparatus.

Computer skills: working with the main Microsoft office programs (Word, Excel, Power Point), as well as with specialized software applied for the design of enrichment plants and machines and equipment for processing minerals.

Driver's license, category: B.

Specialized course in mineral sampling, according to BDS ICO:17025.

Publications in the scientific specialty "Enrichment and recycling of raw materials": Merazchiev, G., Troshanova, N., Nestorov, N. Study of the enrichment of complex polymetallic ore, Yearbook of MGU "St. Ivan Rilski", 67/2024, ISSN 2738-8808 (print), ISSN 2738-8816 (online), pp. 65-68.