

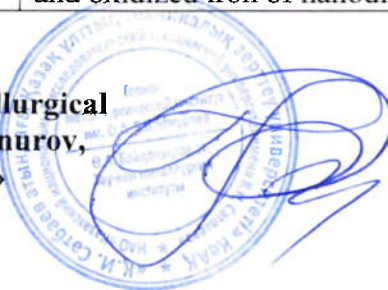
REFERENCE

to applicants for the title of associate professor
in scientific direction 20500 – Materials engineering / 20506 – Metallurgy (Classifier of
scientific directions, approved by order of the Minister of Science and
of Higher Education of the Republic of Kazakhstan dated September 30, 2024 No. 466)

1	Surname, first name, patronymic (if available)	Mamyrbayeva Kulzira Kaldybekovna
2	Academic degree (candidate of science, doctor of science, doctor of philosophy (PhD), doctor of profile) or academic degree of doctor of philosophy (PhD), doctor of profile or degree of doctor of philosophy (PhD), doctor of profile, date of award	Doctor of philosophy (Ph . D) specialty 6 D 070900-Metallurgy - (decision No. 300 of February 4, 2013 of the Control Committee in the field of education and science of the Republic of Kazakhstan Diploma GC No. 000 0141)
3	Academic rank, date of award	-
4	Honorary title, date of award	-
5	Position (date and number of the appointment order)	Associate Professor of the Department "Metallurgy and Enrichment of Minerals" Mining and Metallurgical Institute named after O.A. Baikonurova Kazakh National Research Technical University named after K.I. Satpaeva (order No. 1139 of 08/31/2021 on transfer to the position of associate professor of the department "Metallurgical processes, heat engineering and technology of special materials", order 2464 l/s of 10/1/2024 on transfer to the department of "Metallurgy and mineral enrichment").
6	Experience in scientific, scientific-pedagogical activity	30 years in total, 12 years of scientific and pedagogical activity after the defense of the dissertation, including more than 3 years in the position of associate professor (from 01.09.2021 to the present) .
7	Number of scientific articles <u>after the defense of the dissertation</u> / obtaining the academic title of associate professor (associate professor)	Total 42, in publications recommended by the authorized body 10, in scientific journals included in Clarivate Analytics (Web of Science Core Collection, Clarivate Analytics) 11, Scopus or JSTOR 15.
8	The number of monographs, textbooks, individually written teaching (educational and methodological) manuals published in the last 5 years	1- individually written monograph "«Теория и практика извлечения меди из бедных смешанных и окисленных руд», recommended by the Scientific Council of KazNITU. K.I. Satpaeva, protocol No. 12 on March 31, 2025 (9.3 p. s.).
9	Persons who defended the dissertation under his supervision and have a degree (candidate of science, doctor of science, doctor of philosophy (PhD), doctor of profile) or academic degree of doctor of philosophy (PhD), doctor of profile or degree of	-

	doctor of philosophy (PhD), doctor of profile	
10	Laureates, prize-winners of republican, international, foreign competitions, exhibitions, festivals, awards, Olympiads prepared under his leadership.	Laureate of the international competition "Science. Zemlya i ya" 20.01.2021 Russia. d. Nizhny Novgorod - Karimgazin Olzhas
11	Champions or prize-winners of the World Universiade, championships of Asia and Asian Games, champions or prize-winners of Europe, World and Olympic Games trained under his leadership	--
12	Additional information	<p><i>Constantly participates in scientific programs and projects , including:</i></p> <ol style="list-style-type: none"> 1. Research supervisor - IRN AR19680477 "Development of complex technology of processing of nickel-cobalt-containing ores with the use of pyro- and hydrometallurgical processes", 2023-2025; 2. Chief scientific officer - IRN AP23490117 "Development of technology of complex processing of pyrite concentrates to obtain iron oxide pigments and ultradisperse metal powders", 2024-2026. 3. Chief scientific officer - IRN AP14871587 "Development of complex technology to reduce the formation of rust during liquid extraction of copper", 2022-2024. 4. Leading researcher - NIR RIPR "Establishment and development of technologies for the processing of gold-arsenic-coal concentrates", 2018-2020. 5. Research supervisor - NIR No. 757 MON.GF. 15.RIPR .21 topics "Concentration and refining of productive solutions of non-ferrous metals", 2015-2017. 6. Senior researcher - NIR #757 MON.GF.15. RIPR. 26. - "Development of technology for obtaining powders of metallic and oxidized iron of nanodisperse sizes", 2015-2017 . etc.

**Director of the Mining and Metallurgical
Institute named after O.A. Baikonurov,
NJSC «K.I. Satbayev KazNRTU»**



K.B. Rysbekov