

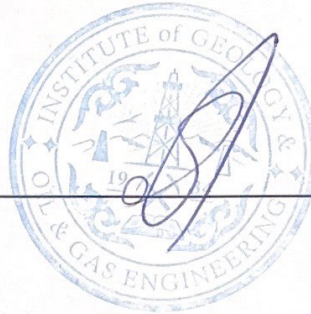
### Reference

of the applicant for the academic title of associate professor (docent)  
in the scientific direction 20400- Chemical Engineering

1	First name, surname (if any)	<b>Aitkaliyeva Gulzat</b>
2	Academic degree, date of award	PhD, ФД No. 0001269, by the decision of the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated 01.04.2016 (order No 318).
3	Academic title, date of award	-
4	Honorary title, date of award	-
5	Position (date and number of the appointment order)	Associate Professor of Department of Chemical and Biochemical Engineering, K.I. Satbayev Kazakh national research technical university (order No. 2083 l/s dated 08/31/2022)
6	The experience of scientific, scientific and pedagogical activity	Total work experience in the specialty (excluding periods of study at a university) – 9 years, including: after defending a dissertation – 8 years, of which 2 years as an associate professor.
7	The number of scientific articles after the defense of the dissertation	Total number of published works after defending the dissertation – 28, including: - in international peer-reviewed journals included in the Scopus and Web of Science databases – 6 articles, of which 5 articles with a percentile over 35; - in publications recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan -9; - patents – 1; - in other scientific journals and publications – 5; - in collections of international conferences – 7.
8	The number of monographs, textbooks, and single-handedly written textbooks published over the past 5 years	Monograph - 1, volume 8.3 printed sheets, sole authorship 2023.
9	Persons who defended their dissertation under his supervision and have an academic degree	No
10	Laureates, prize-winners of national, international, and foreign competitions, exhibitions, festivals, prizes, and Olympiads prepared under his leadership.	2022 - 3rd year student Karly Diana took 2nd place in the Republican competition of students' research works; 2024 - 4th year student Shekesheva Dilnaz was awarded a 1st degree diploma at the VII International competition of students' research works on the problems of development of the fuel and energy complex in Moscow, Russian Federation.

11	Additional information	Winner of the state scientific scholarship for talented young scientists of the Republic of Kazakhstan (2018). From 01.10.2022 to 31.03.2023, she completed a scientific internship under the Bolashak International Center of Excellence program at the University of Lorraine (Nancy, France).
----	------------------------	---

**Director of Institute of Geology  
and Oil-gas Business**



**Syzdykov A.K.**