

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN

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## MACHINES AND APPARATUSES OF OIL AND GAS PROCESSING

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The textbook "Machines and apparatuses of oil and gas processing" is intended for students studying processes of refining, students of refresher courses, engineering and scientific workers of petrochemical and oil-refining industry.

This textbook includes technological and mechanical calculations of the main chemical equipments. A large role is given to the study of methods of calculating machines and apparatuses forming the basis for the design of new and improvement of existing process units of chemical plants.

In addition, the textbook provides the basic relations for the mechanical calculations indicating the examples these ratios are used in, as well as for technological calculations for each type of equipment.

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