

Документ подписан простой электронной подписью
Информация о владельце:
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Annotation to the work program of the discipline

Name disciplines	Буровое оборудование / Drilling Equipment
Summary	Development of production of drilling rigs. Classification of drilling rigs. Triggering complexes of drilling rigs. Travel systems. Drill winches. A complex of equipment for the rotation of the drill string. Swivels and drilling sleeves. Drilling facilities. Drilling bases. Drill pumps. Equipment for circulation, cleaning and preparation of drilling fluids. Tool and mechanisms for mechanization and automation of tripping operations. Ways and methods of installation of drilling rigs. Foundations for drilling equipment and their construction. Handling equipment. Installation of drilling rigs of various types. Preparation of drilling rig equipment for commissioning. Methods of relocation of drilling rigs to a new point. Organization of maintenance and repair of drilling equipment. Lubricants and their application.
The results of mastering the discipline (module)	applies knowledge of the purpose, rules of operation and repair of oil and gas equipment; principles of organization and technology of repair work, methods of installation, adjustment and adjustment of equipment; ID-2 is able to analyze the operating parameters of technological equipment; owns the methods of diagnostics and maintenance of technological equipment (external and internal inspection) in accordance with the requirements of industrial safety and labor protection.
labor input, cu	3
Reporting Forms(including by semesters)	Graded (grading)
List of basic and additional literature necessary for mastering	
Main literature	Murovenko V.A. Exploitation of drilling equipment, Izhevsk, ed. Izhevsk State Technical University, 2008-654s.
Additional literature	drilling equipment, blowout and wellhead. Reference guide at 2h. V.F. Abubakirov et al., IRC Gazprom, 2007