

23.02.04 TECHNICAL OPERATION OF LIFTING AND TRANSPORT, ROAD CONSTRUCTION MACHINES AND EQUIPMENT

Graduates of this specialty are in demand in a number of key sectors of the economy - transport, road, construction and many others. Their area of responsibility includes the operation of industrial equipment during construction, maintenance and repair of roads, ensuring the safety of vehicle traffic during work, as well as maintaining accounting and reporting documentation on technical maintenance and repair.

Where will they teach?

The specialty "Technical operation of lifting and transport, road construction machines and equipment" is one of the areas of training of the Industrial and Economic Forestry College of the Industrial Institute of USTU.

The number of budget places for full-time education is 25.

What will they teach?

- ✓ Operate lifting and transport, construction, road machines and equipment during construction, maintenance and repair of roads
- ✓ Ensure the safety of vehicle movement during work
- ✓ Carry out maintenance and repair of lifting and transport, construction, road machines and equipment in stationary workshops and at the place of work
- ✓ Determine the technical condition of systems and mechanisms of lifting and transport, construction, road machines and equipment
- ✓ Maintain accounting and reporting documentation on the maintenance and repair of lifting and transport, construction, road machines and equipment
- ✓ Organize the work of personnel on the operation of lifting and transport, construction, road machines and equipment
- ✓ Monitor compliance with technological discipline when performing work
- ✓ Maintain accounting and reporting documentation on the work of the repair and mechanical department of the structural unit
- ✓ Calculate the costs of maintenance and repair, the cost of machine shifts of lifting and transport, construction and road machines
- ✓ Determine the structural unit's need for repair materials to ensure the operation of machines and mechanisms
- ✓ Ensure acceptance of operating materials and control their quality
- ✓ Ensure safety conditions during storage and issuance of fuel and lubricants
- ✓ Comply with the requirements, norms, rules and standards related to the environmental safety of the production activities of the structural unit
- ✓ Prepare documentation for licensing the production activities of a structural unit

What job?

- Service engineer for road construction equipment
- Mechanic for repair of road construction machines and tractors
- Technician, senior technician
- Mechanical technician