

**THE IMPORTANCE OF STUDYING THE SCIENCE OF LABOR PROTECTION AND
TECHNICAL SAFETY IN TECHNICAL SCHOOLS IN THE FIELD OF
DEVELOPMENT OF TRANSPORT AND RAILWAYS**

Rahimkulova Dilduzakhan

Kokan Railway Technical College is a general science teacher

Abstract: This article analyzes the importance of studying labor protection and technical safety in technical schools in the development of transport and railways. The field of labor protection plays an important role in ensuring the safety of professionals working in the transport system, reducing accidents, maintaining environmental stability and increasing the safety of passengers. Also, this science makes it possible to increase the efficiency of transport infrastructure, to act correctly in emergency situations and to improve the quality of technical service. The article emphasizes the necessity of training specialists with deep knowledge of labor protection for the sustainable development of the transport system.

Key words: labor protection, technical safety, transport, railways, safety rules, environmental protection, passenger safety, accidents, technical service, worker protection, emergency situations.

Enter

Transport and railways are an important component of the economy of any country. They play a key role in cargo and passenger transportation. Effective operation and development of these systems depends not only on technological innovations, but also on security measures. Therefore, studying the science of labor protection and technical safety in technical schools is of great importance for the field of transport and railways.

Contents of the Science of Labor Protection and Technical Safety

The science of labor protection and technical safety is aimed at ensuring safety at the workplace, preventing accidents and improving working conditions. This subject:

Compliance with safety rules in production processes;

Correct action in emergency situations;

Ensuring the safety of workers and passengers;

Covers areas such as maintaining environmental safety.

In the system of transport and railways, this science is important as follows:

1. Ensuring Worker Safety

Professionals working on railways and other means of transport are at high risk. Drivers, drivers, employees of locomotive repair shops should know safety rules thoroughly to protect themselves from accidents. The science of labor protection taught in technical schools includes:

Compliance with safety techniques during work;

Correct use of protective equipment;

Teaches how to act in emergency situations.

2. Increase Transport Livelihood

Accidents and malfunctions in the railways and transport system cause economic damage. If the experts follow the safety rules, the reliability of the equipment will increase and the efficiency of the system will improve. This helps to ensure the economic stability of the state.

3. Environmental Protection

The transportation sector has a great impact on the environment. Noxious gases, oil spills, and other issues from burning fuel create environmental hazards. The science of labor protection and technical safety in this regard:

Compliance with environmental safety regulations;

Management of vehicles based on environmental requirements;

Covers issues such as the use of low-energy technologies.

4. Ensuring Passenger Safety

Ensuring the safety of passengers in the railway and transport system is one of the important issues. Vehicles and road infrastructure must meet safety standards. Specialists with sufficient knowledge of labor protection

They know the rules of maintenance to ensure the safety of passengers;

They understand what to do in emergency situations;

Preventive measures are taken to reduce accidents.

Summary

Training of occupational safety and technical safety in technical schools is an important factor for the further development of the transport and railway sector. This science serves to ensure the safe and efficient operation of the transport system, to protect the lives of passengers and workers, as well as to ensure environmental sustainability. Therefore, in-depth study of knowledge in this subject is important in training the next generation of specialists.

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