ELECTRONICS IN ENSURING TRAFFIC SAFETY IN RAIL TRANSPORT

Masharipov Masudjon Numonjonovich
PhD, dean of the faculty of "Economic" TSTU

After the political independence of the Republic of Uzbekistan, fundamental reforms in the social sphere began. Great and very catastrophic changes are being made in the development of the economy of our country. Particular value is also placed on the comprehensive further development of rail transport, increasing profitability, the introduction of innovative ideas, and the latest information technologies in this area. An example of this is the introduction of fully automatic systems at sorting stations, and the installation of the most modern rain control to reduce the length of stay of movement compositions at border points. In addition, the work of transferring the documents used in the procedure to the electronic state can also be cited as an example. It is known that the increase in the volume of work due to the use of new technologies, in turn, requires an increase in the demand for security of movement, pay attention to this. Safety is not only seen as an urgent issue in rail transport, but in all areas and directions. Safety rules are developed and applied in close connection with work activities and working conditions.

Traffic safety is the ability of a railway system to carry goods and people with a minimum level of safety, and its limit size is determined by the level of traffic safety. The security level of movement is determined by the likelihood that certain actions will or will not result in emergency events. If the security of movement is neglected or the attention is weakened, the consequences can be very serious. It should be noted that all techniques and technologies in rail transport are inextricably linked. The failure or failure of any of the ATI of this chain can cause major damage to the entire head rail transport and even cause all processes to stop. The rail network would lose large sums of money as a result.

Many types of techniques and technologies are used in the railway system. Examples include power supply equipment, road and road construction equipment, communication and signaling equipment, and such equipment. Most of it is concentrated around the station and the station streets. From this, it can be seen that the main focus should be on the station and the station area. Actions such as checking the accuracy of the devices and equipment in the station and its territory, determining their deficiencies, ensuring the elimination of deficiencies, and similar actions are planned and carried out. For example, the monthly commission meeting.

Together with the responsible companies, the station manager or his deputy carries out an inspection, and plans are developed and implemented to identify and eliminate deficiencies and defects. It should also be noted that all cases of employee

breaches of duty fail. It is advisable to lose such cases and gain complete real-time control. That is, it is necessary to make good use of them to solve the above problems at a time when the current information technology and software systems are developing. That is when organizing a monthly survey of the commission, it is proposed to create software and electronics. As a result, the following results will be shared with the possibility of obtaining them:

The presence of the possibility of receiving and analyzing all data in real-time; how much paperwork can be lost; it is possible to know at what time the regional railway nodes, sections, stations, and stations themselves performed the tasks assigned to employees; identifying employees who allow inertia in the process; The clock increases employee productivity. Instead of the conclusion, we can say that to achieve the listed benefits, first of all, it is necessary to ensure high safety of movement, reduce absenteeism from work, the cost of which lose the cause, and increase the efficiency personnel achieved.

References:

1. Gulamov, A. A., Ozatbekov, Y. F., & Ozatbekova, O. N. (2022). INNOVATION-ORIENTED WAY OF DEVELOPMENT OF A MODERN UNIVERSITY. Journal of new century innovations, 15(3), 53-59.
2. Ozatbekova, O., Ozatbekov, Y., & Gulamov, A. (2022). DISTINCTIVE FEATURES OF THE TURKISH INVESTMENT POLICY. Current approaches and new research in modern sciences, 1(1), 4-8.
3. Ozatbekova, O., Ozatbekov, Y., & Gulamov, A. (2022). ТЕОРЕТИЧЕСКИЕ ОСНОВЫ ИПОТЕЧНОГО КРЕДИТОВАНИЯ В ЭКОНОМИКЕ. Solution of social problems in management and economy, 1(1), 4-6.
4. Ozatbekova, O., Ozatbekov, Y., & Gulamov, A. (2022). THE IMPORTANCE OF THE DEVELOPMENT OF FINANCIAL MARKETS IN THE ECONOMY OF UZBEKISTAN. Zamonaviy dunyoda ijtimoiy fanlar: Nazariy va amaliy izlanishlar, 1(20), 40-45.
5. Abdullayevich, G. A., & Qizi, R. S. S. (2022). ИҚТИСОДИЁТНИ РАҚАМЛАШТИРИШ ШАРОИТИДА РАҚАМЛИ МАРКЕТИНГНИНГ ЎРНИ. Трансформация моделей корпоративного управления в условиях цифровой экономики, 1(1), 149-154.
6. Abdurakhmanov, O., Gulamov, A., & Shjaumarov, S. (2021). Improving the needs of economic sectors for transport services on the basis of national standards.
7. Abdullaevich, G. A., & Khikmatullaevna, S. M. (2021). A study of increasing the economic efficiency of transport services. South Asian Journal of Marketing & Management Research, 11(9), 34-40.

8. Abdurakhmanov, O. K., Gulamov, A. A., Shaumarov, S. S., & Kandakhorov, S. I. (2021). ON THE RETURN ON INVESTMENT FOR THERMAL RENOVATION OF CIVIL BUILDINGS. ТЕМИР ЙЎЛ ТРАНСПОРТИ, (3), 99.

9. Gulamov, A., Abdurakhmanov, O., & Shjaumarov, S. (2021). Improving Methodological Approaches to Assessing the Effectiveness of Using Fixed Capital in Railway Transport. International Journal on Orange Technologies, 3(10), 1-12.

10. Abdullaevich, G. A. (2020). ECONOMIC VALUATION OF THE SHARE CAPITAL OF THE JOINT STOCK COMPANY" UZBEKISTAN RAILWAYS. Science and Education, 2, 3.

11. Гуламов, А. А., & Дадабоева, З. С. К. (2020). Проблемы развития железнодорожного транзитного потенциала Республики Узбекистан. Universum: технические науки, (5-1 (74)), 64-67.

12. Abdullaevich, G. A. (2020). ECONOMIC VALUATION OF THE SHARE CAPITAL OF THE JOINT STOCK COMPANY" UZBEKISTAN RAILWAYS. Science and Education, 2, 3.

13. Abdullayevich, G. A. (2019). Management of the Reproduction Process of the Main Capital of the Railway Company. Asian Journal of Technology and Management Research (AJTMR) Volume, 8(02).

14. Abdullayevich, G. A. (2019). Depreciacion en el aspecto de la estrategia de modelado de inversion y analisis de los procesos de reproduccion del capital fijo del transporte ferroviario. Religación. Revista de Ciencias Sociales y Humanidades, 4(14), 319-331.

15. Abdullaevich, G. A. (2019). IMPROVEMENT OF ECONOMIC METHODS OF DEPRECIATION IN THE JOINT-STOCK COMPANY “UZBEKISTAN RAILWAYS”. Methods and problems of practical application, 143.

16. Гуламов, А. А. (2019). ЎЗБЕКИСТОН РЕСПУБЛИКАСИДА ТЕМИР ЙЎЛ ТРАНСПОРТИНИНГ ЗАМОНАВИЙ РИВОЖЛАНИШ ҲОЛАТИНИНГ ТАҲЛИЛИ. Ресурсосберегающие технологии на транспорте, 20(1), 297-305.

17. Abdullayevich, G. A. (2019). Depreciation in the aspect of modeling strategy of investment and analysis of reproduction processes of fixed capital of railway transport. Religación: Revista de Ciencias Sociales y Humanidades, 4(14), 319-330.

18. Гуламов, А. (2019). Экономическая оценка основного капитала акционерного общества Узбекистон темир йуллари. Экономика и инновационные технологии, (2), 1543-163.

19. Гуламов, А. А. (2019). МОДЕЛЬ ОЦЕНКИ ЭФФЕКТИВНОСТИ ВОСПРОИЗВОДСТВА ОСНОВНЫХ ФОНДОВ В ЖЕЛЕЗНОДОРОЖНОМ ТРАНСПОРТЕ. Транспорт шелкового пути, (1-2), 82-91.

20. Abdulaziz, G. (2019). Retrospective analysis of reproduction processes of fixed capital of railway transport. Бюллетень науки и практики, 5(2), 235-244.

21. Гуламов, А. А., Мерганов, А. М., & Рахматов, З. Н. (2017). Тариф как фактор повышения конкурентоспособности национальной экономики. Міжнародний науковий журнал Інтернаука, (5), 115-19.

22. Расулов, М. Х., Ризаев, А. Н., & Гуламов, А. А. (2016). К вопросу управления кадрами в инновационной среде железнодорожного транспорта акционерного общества" Узбекистон темир йўллари". Инновационный транспорт, (3), 13-16.

23. Гуламов, А. А. (2016). Совершенствование методов целевого использования амортизации в воспроизводственном процессе основных фондов железнодорожной компании. Міжнародний науковий журнал, (9), 103-105.

24. Гуламов, А. А. (2011). Методика оценки воспроизводства основных производственных фондов железнодорожной компании. Известия Петербургского университета путей сообщения, (1), 257-266.

25. Гуламов, А. А. (2011). Экономическая оценка воспроизводства основных фондов железнодорожной компании (Doctoral dissertation, Петербургский государственный университет путей сообщения).

26. Гуламов, А. А. (2010). Обоснование рационального метода начисления амортизации в условиях оптимизации воспроизводства грузового вагонного парка транспортной компании. Известия Петербургского университета путей сообщения, (2), 163-176.

27. Гуламов, А. А. (2010). Прогнозирование объёмов перевозок грузов на узбекской железной дороге. Известия Петербургского университета путей сообщения, (1), 82-93.

28. Gulamov, A. MODEL FOR ASSESSING THE EFFICIENCY OF REPRODUCTION OF FIXED ASSETS IN RAILWAY TRANSPORT.