



**School of transport engineering and logistics named after M. Tynyshpayev
The direction of «Transport engineering»**

EDUCATIONAL PROGRAM

6B07124 – «Technology of production, repair and operation of locomotives»

Code and classification of the field of education:	6B07 – Engineering, manufacturing and construction industries
Code and classification of training directions:	6B071 – Engineering and Engineering affairs
Group of educational programs:	B065 – Transport equipment and technology
Level based on NQF:	6
Level based on IQF:	6
Study period:	4 year
Amount of credits:	240

Almaty 2025








Educational program 6B07124 – «Technology of production, repair and operation of locomotives» was approved at the meeting of K.I. Satbayev KazNRTU Academic Council.

Protocol № 10, dated March 6, 2025.

Was reviewed and recommended for approval at the meeting of K.I. Satbayev KazNRTU Educational and Methodological Council

Protocol № 3, dated December 20, 2024.

Educational program 6B07124 – «Technology of production, repair and operation of locomotives» was developed by Academic committee based on direction 6B071 – Engineering and Engineering affairs

Full name	Academic degree/ academic title	Position	Workplace	Signature
Chairperson of Academic Committee:				
Abdullaev S.S.	Doctor of Technical Sciences, Professor	Head of the School of Transport Engineering and Logistics	KazNRTU named after K.I. Satpayev	
Teaching staff:				
Kamzanov N.S.	Doctor of Philosophy (PhD)	Head of EP «TE»	KazNRTU named after K.I. Satpayev	
Tokmurzina-Kobernyak N.A.	Candidate of Technical Sciences	Associate Professor	KazNRTU named after K.I. Satpayev	
Akhmetova Sh.D.	Candidate of Technical Sciences	Associate Professor	KazNRTU named after K.I. Satpayev	
Alpeisov A.T.	Candidate of Technical Sciences	Associate Professor	KazNRTU named after K.I. Satpayev	
Employers:				
Beketov T.S.	Master of Technical Sciences	General manager	«Megadrive» LLP	
Students				
Tokarev M.Yu.	–	4th year student	KazNRTU named after K.I. Satpayev	

General information

№	Field name	Comments
1	Code and classification of the field of education	6B07 – Engineering, manufacturing and construction industries
2	Code and classification of training directions	6B071 – Engineering and Engineering affairs
3	Educational program group	B065 – Transport equipment and technology
4	Educational program name	6B07124 – «Technology of production, repair and operation of locomotive»
5	Short description of educational program	<p>The educational program 6B07124 – «Technology of production, repair and operation of locomotive» is aimed at training highly qualified specialists in the fields of production, operation, and technical maintenance of locomotives and multiple unit rolling stock.</p> <p>The program is developed based on the Sectoral Qualifications Framework in the field of “Railway Transport” in accordance with the following Professional Standards:</p> <ul style="list-style-type: none"> – Operation of locomotives and multiple unit rolling stock; – Management and control of traffic safety in railway transport. <p>The program has been updated to ensure academic support for SDGs 4, 9, 12, and 13.</p>
6	Purpose of EP	Training of competent and competitive specialists who possess the theoretical and practical competencies necessary to carry out qualified work based on the latest technologies for the design, manufacture, use, maintenance, repair and operation of locomotives, who are aware of their responsibility for the results of their professional activities to society, the outside world and subsequent generations
7	Type of EP	New EP
8	The level based on NQF	6
9	The level based on IQF	6
10	Distinctive features of EP	Double diploma EP
11	Education form	Full-time
12	Period of training	4 year
13	Amount of credits	240
14	Languages of instruction	English, Russian, Kazakh
15	Academic degree awarded	Bachelor of Engineering and Technology in the educational program 6B07124 – «Technology of production, repair and operation of locomotive»
16	Developer(s) and authors	Kamzanov N.S., Tokmurizna–Kobernyak N.A. employer: Beketov T.S. student: Tokarev M.Yu.