

## **CERTIFIED QUALITY: THE USE OF WELDING WIRE IN THE TRANSPORT INDUSTRY**

Today, welding technologies play a crucial role in the manufacturing and repair of transportation, from railway cars to commercial vehicles. The quality of welding materials directly affects the safety, durability, and performance of vehicles. That is why stringent control and adherence to international standards are so important.

A prime example of the application of high-quality welding materials is their use in the railway industry, where safety and reliability are always top priorities. DNIPROMETYZ TAS, a manufacturer specializing in welding wire, has recently been certified by Deutsche Bahn — a leading railway operator in Europe. This certification confirms that our products meet the most stringent requirements and can be safely used in the construction and repair of railway rolling stock.

### **• Manufacturing Capabilities and Technologies**

At DNIPROMETYZ TAS, advanced technologies from the Swedish manufacturer Lämneå Bruk AB and high-quality raw materials are used in the production of welding wire. Quality control of wire rods and testing of finished products are conducted in our own accredited laboratory, equipped with modern instruments for chemical analysis, mechanical tests, and welding technology tests. This ensures the production of the highest quality products, verified by leading industrial enterprises.

The plant employs intelligent production management systems, enhancing efficiency and flexibility, and improving customer orientation at all stages of production. The plant places

particular emphasis on product certification and holds several important certifications, including ISO 9001 and TÜV NORD compliance with European standards. Our products also meet the safety and health requirements of the European Union, as confirmed by CE marking.

### **• Advantages of Welding Wire for Transportation**

The welding wire produced at our plant, thanks to stringent quality control standards, is ideal for complex welding tasks in the transport industry. It provides high joint strength, corrosion resistance, and durability, which is critical for vehicles operating in various climatic conditions.

Furthermore, our collaboration with organizations such as Deutsche Bahn allows us to continuously improve production technologies, de-



velop innovative solutions, and ensure unparalleled quality of welding materials. Our plant manufactures welding wire grades 3Si1 and 4Si1, with diameters ranging from 0.6 to 2.0 mm, which have successfully passed Deutsche Bahn certification.

### ● Reliability of Supplies

Effective logistics and timely delivery of products are key to our success. The plant has its own fleet, which reduces delivery time and improves service quality, ultimately contributing to increased customer satisfaction.

Reliability and speed of delivery play a crucial role in meeting our clients' needs. Therefore, we continuously work on improving operational efficiency, allowing us to provide high-quality products in the shortest possible time.

### ● Environmental and Social Aspects

DNIPROMETYZ TAS not only strives for excellence in products but also continuously invests in the development of its employees and technologies. Regular training and qualification courses are conducted both internally and with the involvement of external experts. The plant actively collaborates with educational institutions and technical universities to stay abreast of the latest achievements and technologies.

Additionally, we place significant emphasis on sustainable development and environmental responsibility. Energy-efficient technologies are used in the manufacturing process, and we aim to minimize waste. All our operations comply with environmental standards, and environmental audits are conducted regularly. We also invest in the development of environmentally friendly production methods to reduce our impact on the environment.

Deutsche Bahn certification is not only a confirmation of quality but also a commitment to our clients. We continue to improve our technologies to meet the strictest requirements of the transport industry and offer the market products that adhere to the highest standards of reliability. Our plant remains one of the leading manufacturers of fasteners in Ukraine, maintaining a leading position and actively expanding its markets both domestically and internationally.

