

# PASSENGER SAFETY

**Safety and reliability are the passengers' basic requirements. Since its foundation, JSC FPC has been annually meeting the key targets for traffic safety and improved reliability of technical equipment.**

## TRAIN OPERATION SAFETY

Taking into account the service providers that carry out maintenance of railway rolling stock, the 2021 target indicator of traffic safety for JSC FPC was achieved with a 70% improvement and amounted to 0.0012 adverse events per 1 million train-km with a target of no more than 0.0040.

The positive dynamics in traffic safety have been achieved as a result of systematic work on the management of the appropriate processes:

- Implementation of JSC FPC's Programme of Measures to Reduce the Frequency of Traffic Incidents and Accidents and the Severity of Their Consequences, and to Achieve the Set Targets for Traffic Safety

- Implementation of the Consolidated Action Plan to improve the reliability of technical facilities and reduce the number of technological failures and their impact on the transportation process at JSC FPC
- Continued expansion of the annual scope of activities of structural units responsible for technical audits of operating processes and production examinations
- Adoption of digital capabilities and technologies in traffic safety
- Maintaining staff competencies through training, professional development and mentoring

## FIRE SAFETY

Two fires were registered at JSC FPC in 2021 (one fire was registered in 2020). The fires occurred:

- In a passenger carriage of the Nevsky Express train No. 747 between Moscow and St. Petersburg when it was under outfitting, due to a short circuit in the carriage control panel due to poor-quality cable products
- In the wheel-roller section of the Volgograd passenger car depot, a structural unit of the Volga Branch of JSC FPC, due to a short circuit in the electrical wiring of the power supply circuit of the washing machine vessel electric heaters

In 2021, the Company implemented the operational fire safety programme for a total exceeding

**>116.9 RUB MILLION**

### Number of train operation safety breaches



In particular, the following measures were taken as part of the operational programme:

- Materials and fire protection equipment were purchased and delivered for a total amount of RUB 45.58 million, including fire extinguishers, personal respiratory and visual protection equipment, tools, etc.
- Measures to ensure compliance with statutory and mandatory fire safety requirements (total costs: over RUB 18.53 million), including:
  - fireproofing activities
  - tests of escape ladders and roof railings
- Assigning explosive and fire hazard classes to premises following the Electric Installation Guidelines, installing fireproof doors
- Over RUB 52.79 million were spent on daily fire prevention measures for JSC FPC's rolling stock and stationary facilities under the contract with FGP Security of Railway Transport

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## INDUSTRIAL SAFETY

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In 2021, no accidents or incidents were reported at hazardous industrial facilities of JSC FPC.

The following activities were carried out as part of the Industrial Safety operational programme:

- Industrial safety expertise, examination and certification of technical devices, development of emergency localisation plans at hazardous production facilities for RUB 25.6 million (390 measures at 180 hazardous production facilities)
- Acquisition of removable load-carrying equipment, for an amount of RUB 0.56 million
- Maintenance of gas equipment and safety devices in the amount of RUB 2.2 million

In 2021, as part of its Renewal of Industrial Safety Facilities investment programme, JSC FPC replaced equipment

**29.6** RUB BILLION

expenses for Industrial Safety operating programme

at hazardous facilities that reached the end of its standard service life for RUB 16.7 million. A total of nine projects were implemented under the programme.

In line with Federal Law No. 225-FZ dated 27 July 2010 On Compulsory Insurance of Civil Liability of the Owner of a Hazardous Facility for Inflicting Damage as a Result of an Accident at the Hazardous Facility, all JSC FPC's hazardous facilities are insured.