

## 6.8. INTERACTION IN EMERGENCIES

The Transneft Emergency Prevention and Response System has been developed and introduced at Transneft Group (Transneft's Emergency System). It is an integral part of the functional subsystem of the Russian Ministry of Energy's unified state system of emergency prevention and response (USSEPR) at FES organisations (facilities).

Transneft and EMERCOM (the Emergencies Ministry) of Russia entered into an Agreement on their interaction in certain areas, including organisation and maintaining of civil defence, prevention and response to oil and petroleum products spills while accomplishing the tasks related to prediction of/response to man-caused emergencies in Transneft subsidiaries.

All Transneft Group subsidiaries constantly work on:

- improving the efficiency of the Transneft Emergency System's coordinating bodies;
- interaction with day-to-day management bodies of functional and regional subsystems of the USSEPR, as well as with the instant readiness forces of the USSEPR, when they perform their emergency response tasks and tackle issues related to coordination of forces of the Transneft Emergency System in the event of various accidents;
- improving the regulatory framework concerning the protection of Transneft Group's employees and territories from natural and man-caused emergencies.

Based on the central maintenance divisions, 40 emergency rescue teams were set up and certified: 16 of them are professional and 24 are non-regular emergency rescue teams, totalling 3,011 rescuers.

In September, a comprehensive tabletop drill on recovery works, related to oil and petroleum products spills, was held at the direction of the Minenergo of Russia, involving the headquarters of EMERCOM of Russia, the Main Directorate of EMERCOM of Russia for Saratov Region, the Middle Volga Directorate of the Federal Environmental, Industrial and Nuclear Supervision Service of Russia, the Interregional Directorate of the Federal Service for Supervision of Natural Resource Usage for Saratov and Penza Regions.

Transneft Group was represented by Transneft Volga Region which conducted a tabletop drill at the 331st km of the Kuybyshev – Lisichansk oil trunk pipeline near the underwater crossing over the Maly Karaman River in Marx District, Saratov Region.

In the course of the drill, the interaction of all emergency divisions was worked out, the practical deployment of forces and means was tested, business units' technical equipment for containment and elimination of oil spills was confirmed.

208 people and 43 pieces of Transneft Volga Region's equipment were involved in containment and elimination of the simulated oil spill. 490 m of booms and 11 temporary oil storage tanks with a total capacity of 1,125 m<sup>3</sup> were arranged and installed; 1,140 kg of sorbent material was delivered to the emergency site. The environmental monitoring of water, soil and atmospheric air was organised on an ongoing basis. Commission sampling was carried out.



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## Fire Safety

Transneft Group has approved the Fire Protection Development Concept for Transneft subsidiaries. An effective fire safety system has been established at Transneft Group subsidiaries.

Transneft cooperates with EMERCOM of Russia on issues of ensuring fire safety at companies.

Facilities critical to national security are protected against fires by contractual units of the Federal Fire Fighting Service (FFFS) of EMERCOM of Russia.

130 fire guard units were established at Transneft Group subsidiaries accommodating tank farms, of which 43 are departmental fire guard units counting 1,034 people, 68 contractual fire guard units under the FFFS of EMERCOM of Russia counting 3,680 people, and 19 private fire guard units counting 953 people.

189 fire stations counting 1,016 people were established at Transneft Group subsidiaries having no tank farms, with a fleet of firefighting vehicles on guard 24/7.

In 2020, four contractual units under the FFFS of EMERCOM of Russia were formed:

- at the Skovorodino PS-21, Transneft East, totaling 64 people;
- at the Yaroslavl-3 PS, Transneft Baltic, totaling 43 people;
- at the Krotovka LODS, Transneft Volga Region, totaling 52 people;
- in Transneft-Terminal, totaling 51 people.

To equip fire guard units with modern firefighting vehicles, the Company, in cooperation with domestic manufacturers, has developed a range of high-tech fire trucks with improved fire performance and the ability to deliver a high flow of fire extinguishing agents with the required intensity for firefighting in tanks. Tank vehicles can deliver up to 12 tonnes of foaming agent to the fire site, and fire pumps fitted with an automatic dosing system are capable of supplying up to 150 l/s of fire extinguishing agents.

There were no fire-related emergencies at Transneft Group facilities in 2020.