



VALIDUS
SPECIAL AUTO



Special vehicle for radiation and chemical reconnaissance and laboratory control (SVRCR-LC)

Conducting radiation and chemical reconnaissance in areas (zones) of emergency situations;

Determination and designation of the boundaries of zones contaminated with toxic and radiation substances;

Monitoring the state of the environment with the help of the electronic meteorological station;

Notification of the population, transmission of special light and sound signals, commands and messages;

Collection of samples and their delivery to stationary laboratories;

Elimination of leaks of hazardous chemicals from holes (cracks and breaches) of various shapes in tanks and pipelines.



Base chassis



TGE



Sprinter



Transit

Description of the special vehicle for radiation and chemical reconnaissance and laboratory control (SVRCR-LC)

A special vehicle, designed on the basis of commercial vehicles, is intended for the prompt delivery of rescuers and special equipment to the place of emergencies and for conducting radiation and chemical reconnaissance, as well as determining the levels of contamination (pollution) by radiation and chemical substances.

The laboratory is equipped with modern instruments for operational analysis of the situation, radiation and chemical reconnaissance, means for sampling and identification of unknown substances. It is also equipped with personal protective equipment for the crew members.



Radiation and chemical reconnaissance and laboratory control vehicle options arrangement

Vehicle;

Coloring according to the color-graphic schemes;

Portable radiation monitoring system;

Dosemeter-radiometer for the identification of radionuclides;

Radiation reconnaissance device;

Portable dosimeter-radiometer (2 pcs);

Personal dosimeter;

Personal protective equipment;

Acid-resistant protective suits, filtering gas masks, compressed air apparatuses;

Breathing apparatuses;

Means for liquidating chemical spills.



The vehicle can be completed with the following equipment

GPS navigator;
Base radio station;
Portable radio station;
Signal loudspeaker device
Independent source of power supply;
Portable radiation monitoring system;
Dosemeter-radiometer for identification of radionuclides;
Radiation reconnaissance device;
Portable dosemeter-radiometer (2 pcs);
Personal dosimeter;
Means of individual protection;
Acid-proof protective suits, filtering gas masks, compressed air devices;
Breathing apparatuses;
Means for eliminating leaks of chemicals.
12V joint for inverter connection;
LED lighting;
Laptop;
Printer;
Inverter (providing 220 V power supply in the absence of access to the stationary power grid).





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