

Once the work has been completed, the extent of any contamination is checked and individual protective clothing is specially treated. Where such clothing has come into contact with droplet gas, it is packed into hermetically sealed containers and sent to the decontamination centre.

After removing their protective clothing, the personnel are processed in a disinfection and medical checkpoint.

Thus, the equipment design of the unit, the constant medical supervision and the reliable individual protective clothing used during the operations completely preclude the possibility of contamination of the unit's crew and the population of nearby areas and ensure a high degree of environmental safety.

Verification of the completeness of the destruction of chemical weapons at the mobile unit, and environmental protection measures

The main aim of environmental protection measures relating to the operation of the mobile chemical weapon destruction unit is to prevent pollution of the atmosphere, soil, water and vegetation by CW agents and by their neutralization products.

This is achieved in the following way:

First, the airtightness of the unit's equipment completely prevents CW agents from entering the atmosphere;

Second, the destruction process involves the chemical transformation and decomposition of the CW agents and neutralization products to safe concentrations as specified by the health authorities.

The destruction of 1 t of CW agent produces slightly more than 2 m³ of liquid waste, which is rendered environmentally harmless after combustion.

The safety measures include monitoring of the destruction process and environmental monitoring.