

Annex 4

Chemical artillery munitions

122-mm chemical tube artillery shell

The shell consists of a casing with a filler hole, a burster tube, a bursting charge, a fuse and a CW agent (figure 2).

Combat characteristics of the shell

The shell is designed to disable personnel through the respiratory organs.

The CW agent in the shell is sarin. Combat condition of CW agent when used - vapour and finely dispersed aerosol. Method of CW agent dispersion - explosion of bursting charge. A percussion fuse is used in the shell.

Shell weight - 22.2 kg. Weight of sarin - 1.3 kg.

Filling coefficient - 0.06.

Explosive - TNT

Steel, copper and aluminium are used in shell construction.

152-mm chemical tube artillery shell

The shell consists of a casing with a filler hole, a burster tube, a bursting charge, a fuse and a CW agent (figure 3).

Combat characteristics of the shell

The shell is designed to disable personnel through the respiratory organs.

The CW agent in the shell is sarin. Combat condition of CW agent when used - vapour and finely dispersed aerosol.

Method of CW agent dispersion - explosion of bursting charge. A percussion fuse is used in the shell.

Shell weight - 40.0 kg. Weight of sarin - 2.8 kg.

Filling coefficient - 0.07.

Explosive - TNT

Steel, copper and aluminium are used in shell construction.

130-mm chemical tube artillery shell

The shell consists of a casing with a filler hole, a burster tube, a bursting charge, a fuse and a CW agent (figure 4).