

Planning and implementation of civil defense measures

What are the measures of civil Defence?

Civil Defence measures are designed to deal with immediate emergency conditions, protect the public and restore vital services and facilities that have been destroyed or damaged by disaster.

What is the concept of Civil Defence?

Civil defence is the organization and training of the ordinary people in a country so that they can help the armed forces, medical services, or police force, for example if the country is attacked by an enemy.

What is a civil defense warning?

A civil defense siren (also known as an air-raid siren) is a siren used to provide an emergency population warning to the general population of approaching danger. Some sirens (especially within small towns) are also used to call the volunteer fire department when needed.

How many types of civil defence are there?

- 1) Armed Forces
- 2) Police Force
- 3) Fire Services
- 4) Territorial Army or auxiliary Forces of any of the Defence Services
- 5) Civilian personnel employed in connection with the armed Forces

Elimination of the consequences of emergencies

The safety of technological processes and order of elimination of the emergency situations arising on fire and explosion hazardous objects with availability of flammable liquids and vapours, the reasons and the mechanism of appearance of an emergency situation is considered. The analysis of process of emergence of an emergency situation on potentially hazardous production facility in Russia and St. Petersburg is made. Mechanisms of development of an emergency on the object containing fire and explosion hazardous and easily flammable liquids at various scenarios of passing of an emergency situation are constructed: floods, ignitions and manifestations of secondary dangerous factors. Priority tasks for carrying out effective and safe mitigation of consequences of the arisen emergency situation are designated. The technology and models

elimination of an emergency situation on the object containing fire and explosion hazardous and easily flammable liquids on the example of explosion with the subsequent burning of the gas mixture formed in a consequence of evaporation of oil products in reservoir park of Ruchi oil depot in the city of St. Petersburg is developed. Recommendations for the officials controlling actions for elimination of an emergency situation on this object are developed.

What is the difference between civil defense and civil protection?

Civil protection, or emergency preparedness as it is known in the USA, has grown in response to the need to protect populations against natural and technological disasters. Over the past two decades it has partially supplanted civil defence, which is primarily concerned with civilian response to armed aggression.

Principles and Goals of the National Civil Defence Strategy

The Strategy confirms five principles. The principles are:

1. Individual and community responsibility and self - reliance
2. A transparent and systematic approach to managing the risks from hazards
3. Comprehensive and integrated hazard risk management
4. Addressing the consequences of hazards
5. Making the best use of information, expertise and structures.

The Strategy of the National Civil Defence contains four goals:

1. increasing community awareness, understanding, preparedness and participation in civil defence emergency management
2. reducing the risks from hazards
3. enhancing country's capability to manage civil defence emergencies
4. enhancing country's capability to recover from civil defence emergencies.

Each of these goals has a range of objectives supporting it.