

УДК 693

Volodimir Voloshin¹, Svitlana Voitenko²

¹PhD student, CCE Dpt., NU “Zaporizhzhia Polytechnic”

²senior teacher NU “Zaporizhzhia Polytechnic”

THE IMPORTANCE AND ALGORITHM OF THE CONSTRUCTING BOMB SHELTERS IN UKRAINE

Unfortunately, in certain situations today, people require special protection from environmental factors. Safety and protection from weapons of mass destruction have become highly relevant topics nowadays. That is why protective structures are being built. These engineering constructions are designed to provide temporary shelter and protection for people, equipment, and property from dangers that may arise as a result of emergencies in peacetime or from the impact of weapons of destruction during special periods.

When constructing underground facilities, the partial loss of the walls' and floors' load-bearing capacity during operation should be taken into account when making decisions regarding their reconstruction. Therefore, during the design phase, reinforced load-bearing elements of the building structures should be considered as a promising direction.