

A technique for defining evacuation paths in case of toxic damage

© Irina N. Ponikarova

Department of Engineering Graphics. Kazan National Research Technological University.

K. Marx St., 68. Kazan, 420015. Tatarstan Republic. Russia.

Phone: +7 (843) 231-42-41. E-mail: pin1011@mail.ru , ponic7@yandex.ru

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Abstract

The study of approaches to the analysis of toxic damage risk for a person in a certain point of space has been carried out. A method was proposed for defining the affected area with the account of the probable accident site and working out the paths to evacuate people in view of its location and characteristics of the building. If, given the wind direction, the information about damage to a man moving by different paths does not come (toxodose does not correspond to the threshold values of damage), these paths are considered to be recommendable.