CBTool Software for Architects and Designers

The *CBTool/PCW Software for Architects and Designers* assists architects and designers engaged in building design and delivery or renovation with assessment of building vulnerability toward chemical and biological incidents and selecting equipment and processes to lower vulnerability. The main CBTool software guides the designer through a series of questions related to building characteristics, surroundings, and operational procedures that impact vulnerability to CB threats, generating numeric vulnerability scores on prevention and mitigation of four types of threats: internal release and three types of external release. The user can then choose changes in design features to assess the potential value and relative costs of improvements. Additionally, guidance is provided in the use of the included detailed air flow modeling tools based on simulation of contaminant release scenarios in building models generated by the user. Guidance includes specific suggestions for security improvement and calculates security enhancement scores to indicate the impact of improvements on reduction in overall vulnerability to internal and external CB threats. The software and supporting documentation are available on a single CD-ROM.

The CB Tool is a restricted document available to military and federal, state, and local governments and architects and designers working on projects for these government organizations. It is not for public release and must be protected from release to unauthorized personnel. Contractors providing design services to government organizations may procure the document with the approval of their government sponsor. All orders must first be confirmed by the Technical Support Working Group (TSWG) prior to being sent to the Government Printing Office (GPO).

The CB Tool is available from the Government Printing Office at a cost of $32.00 each. To order, cite stock number 008-001-00213-1

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