

VExDAM

BREEZE VExDAM can be used as a damage / injury assessment tool to determine the amount of blast damage / injury done to individual structures / persons in a certain geographical area due to a **vapor cloud explosion**.

This type of information would be helpful in determining the potential for destruction / injury at an industrial facility where significant amounts of combustible hydrocarbons are manufactured, handled, and / or stored. Such information should also be useful in evaluating the risk represented by acts of terrorism or sabotage to such an industrial complex. Other information may be useful in determining whether structures subject to explosion (storage tanks, fuel stockpiles, etc.) received enough damage to explode, and if so, how much additional damage / injury was done to other structures/ persons in the vicinity of the explosion.

Because of the shielding algorithm in BREEZE VExDAM, the effects of the presence of a shielding wall or a blast deflector can be taken into account.

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