

Overpressure (Blast Force) Threat Zone

ALOHA® 5.4.7



Time: July 22, 2022 1252 hours ST (using computer's clock)

Chemical Name: HYDROCARBONS MIXTURE

Wind: 2.21 meters/second from wsw at 3 meters

THREAT ZONE:

Threat Modeled: Overpressure (blast force) from vapor cloud explosion

Type of Ignition: ignited by spark or flame

Level of Congestion: uncongested

Model Run: Heavy Gas

Red : LOC was never exceeded --- (8.0 psi = destruction of buildings)

Orange: LOC was never exceeded --- (3.5 psi = serious injury likely)

Yellow: LOC was never exceeded --- (1.0 psi = shatters glass)

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