

Explosion Report

Workspace: 72452 Ottimizz-00

Study: FSRU in rigassificazione

Equipment Item: 12R Linea princip riscaldatori

72452 Ottimizz-00\FSRU in rigassificazione\12R Linea princip riscaldatori

Material	GAS NATURALE	
East	0	m
North	0	m

Scenario (Leak) : 30mm

72452 Ottimizz-00\FSRU in rigassificazione\12R Linea princip riscaldatori\30mm

Weather: Category 2/F

Explosion location criterion	Cloud front (LFL fraction)	
Explosion height criterion	Effect height	
Explosion method	Multi-Energy: Uniform confined	
Uniform confined method explosion efficiency	12,5	%
Uniform confined method explosion strength	4	

Time of explosion [s]	Distance to centre of mass [m]	Distance to explosion centre [m]	Distance to ignition point [m]	Flammable mass [kg]	Overpressures (input) [bar]	Distance to specified overpressures [m]
1,63816	3,46752	10	10	0,0524177	0,03	13,3331
					0,07	11,4291
					0,14	0
					0,3	0
					0,6	0

Weather: Category 5/D

Explosion location criterion	Cloud front (LFL fraction)	
Explosion height criterion	Effect height	
Explosion method	Multi-Energy: Uniform confined	
Uniform confined method explosion efficiency	12,5	%
Uniform confined method explosion strength	4	

Time of explosion [s]	Distance to centre of mass [m]	Distance to explosion centre [m]	Distance to ignition point [m]	Flammable mass [kg]	Overpressures (input) [bar]	Distance to specified overpressures [m]
0,771671	3,25579	10	10	0,0404413	0,03	13,057
					0,07	11,3107
					0,14	0
					0,3	0
					0,6	0