

Explosion Report

Workspace: 72341-2FSRURegas

Study: FSRU in rigassificazione

Equipment Item: 9R Compressore BOG LD

72341-2FSRURegas\FSRU in rigassificazione\9R Compressore BOG LD

Material	GAS NATURALE	
East	0	m
North	0	m

Scenario (Leak) : 25mm

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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]
1,70319	3,38084	10	10	0,049034	0,03	13,2597
					0,07	11,3977
					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]
0,996929	3,15569	10	10	0,0377896	0,03	12,9887
					0,07	11,2814
					0,14	0
					0,3	0
					0,6	0

