

Failure	Hole Size	Orientation	Immediate Ignition	Delayed Ignition	Consequence	Proportion	Event Frequency	
1.00E-05	Leak - 100 mm 0.19	Vertical	Yes	0.3	Vertical Jet Fire	0.0285	2.85E-07	
			No	0.7	Yes	Flash Fire	0.0266	2.66E-07
			No		0.4	Toxic Release	0.0399	3.99E-07
		Inclined	Yes	0.3	Inclined Jet Fire	0.0285	2.85E-07	
			No	0.7	Yes	Flash Fire	0.0266	2.66E-07
			No		0.4	Toxic Release	0.0399	3.99E-07
	Leak - 50 mm 0.30	Vertical	Yes	0.3	Vertical Jet Fire	0.0450	4.50E-07	
			No	0.7	Yes	Flash Fire	0.0420	4.20E-07
			No		0.4	Toxic Release	0.0630	6.30E-07
		Inclined	Yes	0.3	Inclined Jet Fire	0.0450	4.50E-07	
			No	0.7	Yes	Flash Fire	0.0420	4.20E-07
			No		0.4	Toxic Release	0.0630	6.30E-07
	Leak - 25 mm 0.30	Vertical	Yes	0.07	Vertical Jet Fire	0.0105	1.05E-07	
			No	0.93	Yes	Flash Fire	0.0558	5.58E-07
			No		0.4	Toxic Release	0.0837	8.37E-07
		Inclined	Yes	0.07	Inclined Jet Fire	0.0105	1.05E-07	
			No	0.93	Yes	Flash Fire	0.0558	5.58E-07
			No		0.4	Toxic Release	0.0837	8.37E-07
	Leak - 10 mm 0.20	Vertical	Yes	0.01	Vertical Jet Fire	0.0010	1.00E-08	
			No	0.99	Yes	Flash Fire	0.0396	3.96E-07
			No		0.4	Toxic Release	0.0594	5.94E-07
		Inclined	Yes	0.01	Inclined Jet Fire	0.0010	1.00E-08	
			No	0.99	Yes	Flash Fire	0.0396	3.96E-07
			No		0.4	Toxic Release	0.0594	5.94E-07
Full Bore 0.01		Yes	0.3	Fireball	0.0030	3.00E-08		
		No	0.7	Yes	Flash Fire	0.0028	2.80E-08	
		No		0.4	Toxic Release	0.0042	4.20E-08	