

Appendix 7.6.2

Failure Frequencies

FAILURE FREQUENCIES

No.	Section ID	Hole Size	Immediate Ignition	Immediate Ignition Frequency (/yr)	Delayed Ignition 1	Delayed Ignition 1 Frequency (/yr)	Un-ignited Release	Un-ignited Frequency (/yr)	Pool Fire + Pool Fire Frequency (/yr)
1	ISO1_DIESEL_DIESELTANK_L	Small	Pool Fire	1.10E-06	Pool Fire	9.90E-06	Unignited	1.09E-03	1.10E-05
	ISO1_DIESEL_DIESELTANK_L	Medium	Pool Fire	9.69E-06	Pool Fire	9.69E-06	Unignited	6.27E-04	1.94E-05
	ISO1_DIESEL_DIESELTANK_L	Catastrophic	Pool Fire	1.75E-06	Pool Fire	1.16E-06	Unignited	3.35E-05	2.91E-06
2	ISO2_DIESEL_DIESELPUMP_L	Small	Jet Fire	5.81E-07	Pool Fire	5.23E-06	Unignited	5.75E-04	0.00E+00
	ISO2_DIESEL_DIESELPUMP_L	Catastrophic	Pool Fire	1.26E-08	Pool Fire	1.13E-07	Unignited	1.25E-05	1.26E-07
3	ISO3_DIESEL_DIESELPIPELINE_L	Small	Jet Fire	1.77E-06	Pool Fire	1.59E-05	Unignited	1.75E-03	0.00E+00
	ISO3_DIESEL_DIESELPIPELINE_L	Catastrophic	Pool Fire	0.00E+00	Pool Fire	0.00E+00	Unignited	0.00E+00	0.00E+00