

	ID '		X7 1 1 1	X7 1 1 1 1	Г (
Scenario	iD given	Equation*	values used in the	values used in this	Event
	in the		previous report	study	Frequency
	previous				Associated
	EIA				with Helicopter
					Crash
LPG Fire	D-LF-EX	(Freq of	Freq of extreme	Helicopter Crash	1.15E-34
Loss Area		extreme	initialising event =	Rate = $1.91E-7$	(<< 1E-9)
(building		initialising	1 E-6		
collapsed)		event × Number	-	Freq of extreme	
		of LPG		initialising event =	
		Culindara X	Number of LPG	1E-6+1.91E-	
		Cyllinders ~ Probability of	Cylinders = 500 Probability of	7=1.19E-6	
		Storing 50kg	Storing 50kg I PC		
		LDC	Storing Jokg LPG	Number of LDC	
		LPG	Cylinders = $2.74E$ -	Number of LPG	
		Cymuers) (nu	04	Cylinders = 500 Drobability of	
		mber of		Probability of	
		cynnders for	number of	Storing 50kg LPG	
		instantaneous	cylinders for	Cylinders = $2.74E$ -	
		release with	instantaneous	04	
	5 11 15	offsite impact)	release with offsite	1 (1' 1	1.105.4
Major	D-WF-	Freq of extreme	1mpact = 5	number of cylinders	1.19E-6
Warehouse	EX	initialising	E C	for instantaneous	
Fire		event	Freq of	release with offsite	
(building			catastrophic loss of	impact = 5	
collapsed)			a toxic inventory =		
Pentane	D-PF-EX	Freq of extreme	1E-6	Freq of catastrophic	1.19E-6
Fire Loss		initialising		loss of a toxic	
Area		event	The probability of	inventory $= 1E-6$	
(building			storing toxic		
collapsed)			inventory=2.74E-4	The probability of	
Chlorine	DG-CT-W	Freq of		storing toxic	3.26E-10
toxic		catastrophic loss		inventory=2.74E-4	
release		of a toxic			
(building		inventory × The			
collapsed)		probability of			
		storing toxic			
		inventory			
Ammonia	DG-AT-W	Freq of			3 26E-10
toxic	20111	catastrophic loss			
release		of a toxic			
(huilding					
collansed)		inventory × The			
conupseu)		probability of			
		storing toxic			
		inventory			

Table 4E1. Calculation details for Event Frequency Associated with Helicopter Crash inTable 4.7

*See Appendix 11.4.2 of the previous EIA report



Table 4E2 Calculation details for Event Frequency Associated with Helicopter Crash inTable 4.6

