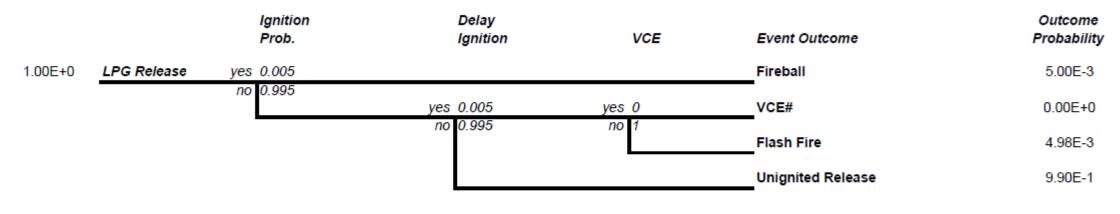
NOTES:

Cold Catastrophic Failure of LPG Cylinder



1.00

VCE is not considered for a small release

Cold Partial Failure of LPG Cylinder

	Immediate Ignition	Delayed Ignition	VCE	Flame Jet Impingement		Ineffective Fire Protection/Fighting		Probability of Cylinder Undergoes BLEVE	Event Outcome	Outcome Probability
1.00E+0 LPG Release	yes 0.005 no 0.995			yes 0.5 no 0.5		1.0 0.0		0.1	BLEVE	2.50E-4
	110 0.995			no 0.5	no	0.0	no	0.9	Jetfire	2.25E-3
									Jetfire	0.00E+0
									Jetfire	2.50E-3
		yes 0.005	yes 0						VCE#	0.00E+0
		no 0.995	no 1						Flash fire	4.98E-3
									Unignited Release	9.90E-1

VCE is not considered for a small release.



Project No. :	1158
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Project :

Chai Wan Government Complex and Vehicle Depot

Drawing Ti

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Event Trees for Cold Catastrophic and Partial Failure of LPG Cylinder (LPG Wagon Site)

Drawing No : Figure 10.19	Revision: 2
Scale : NTS	Date : May 2015

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