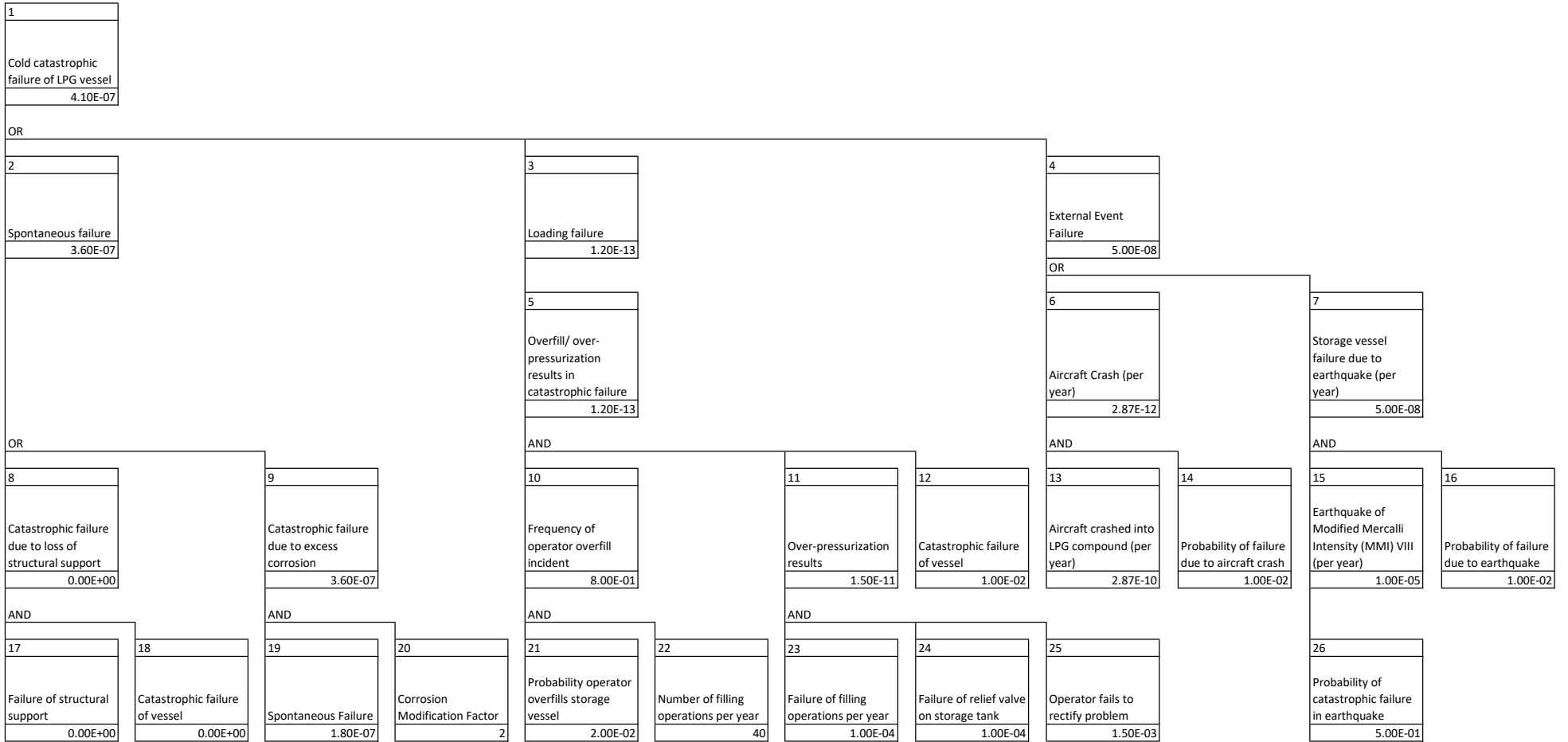


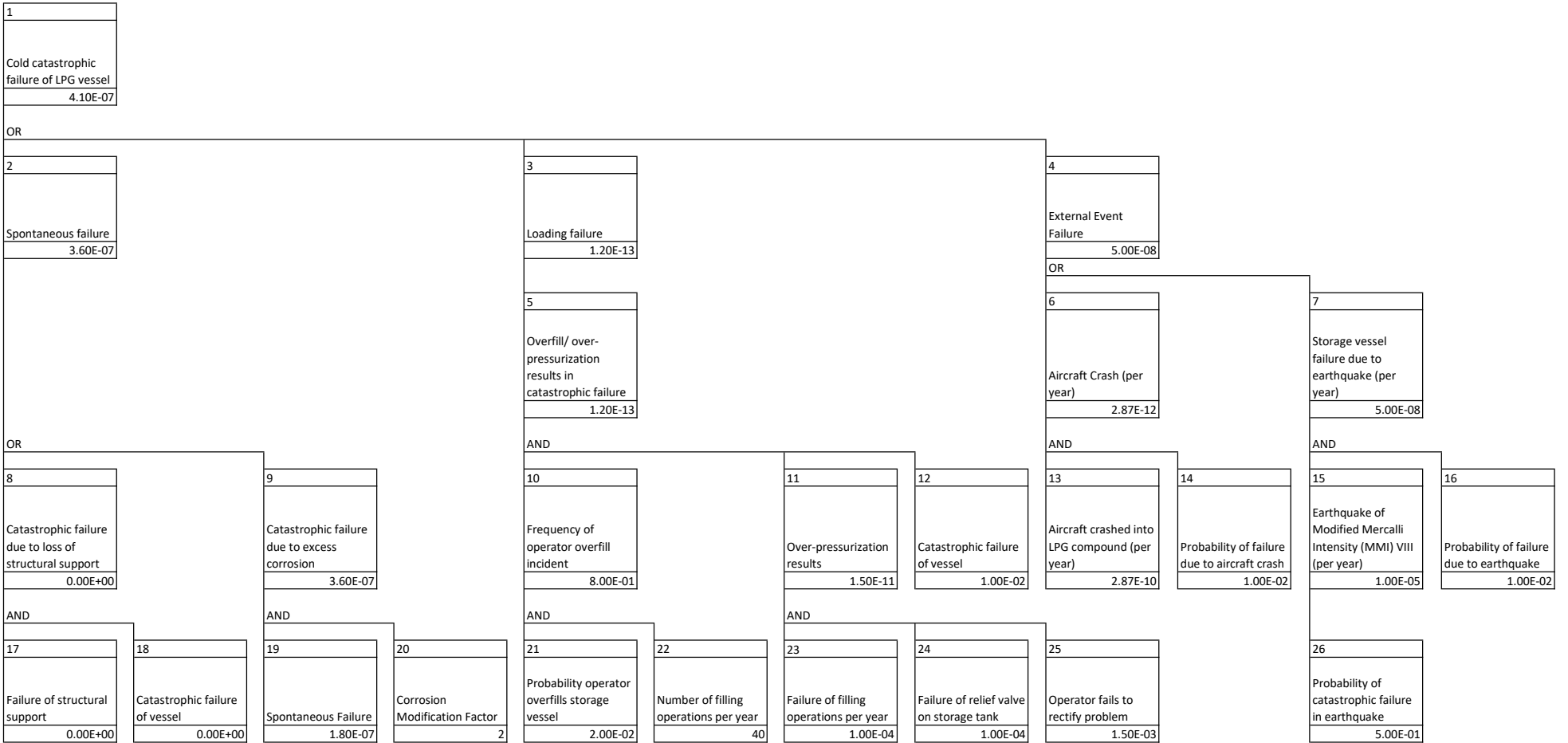
Appendix 11.4

Figure 1.1a Cold Catastrophic Failure of Storage Vessel 1  
Tree F1.1



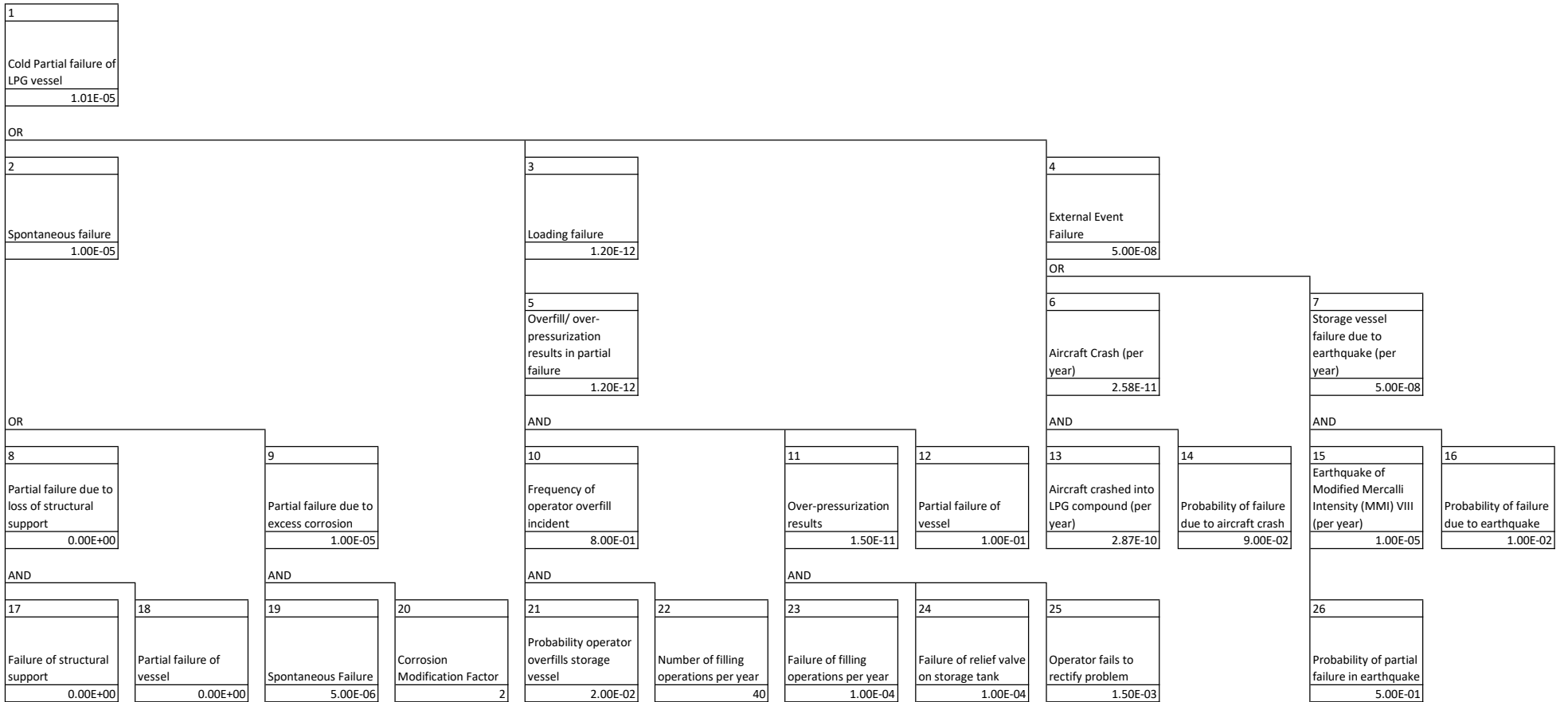
Appendix 11.4

Figure 1.1b Cold Catastrophic Failure of Storage Vessel 2  
Tree F1.2



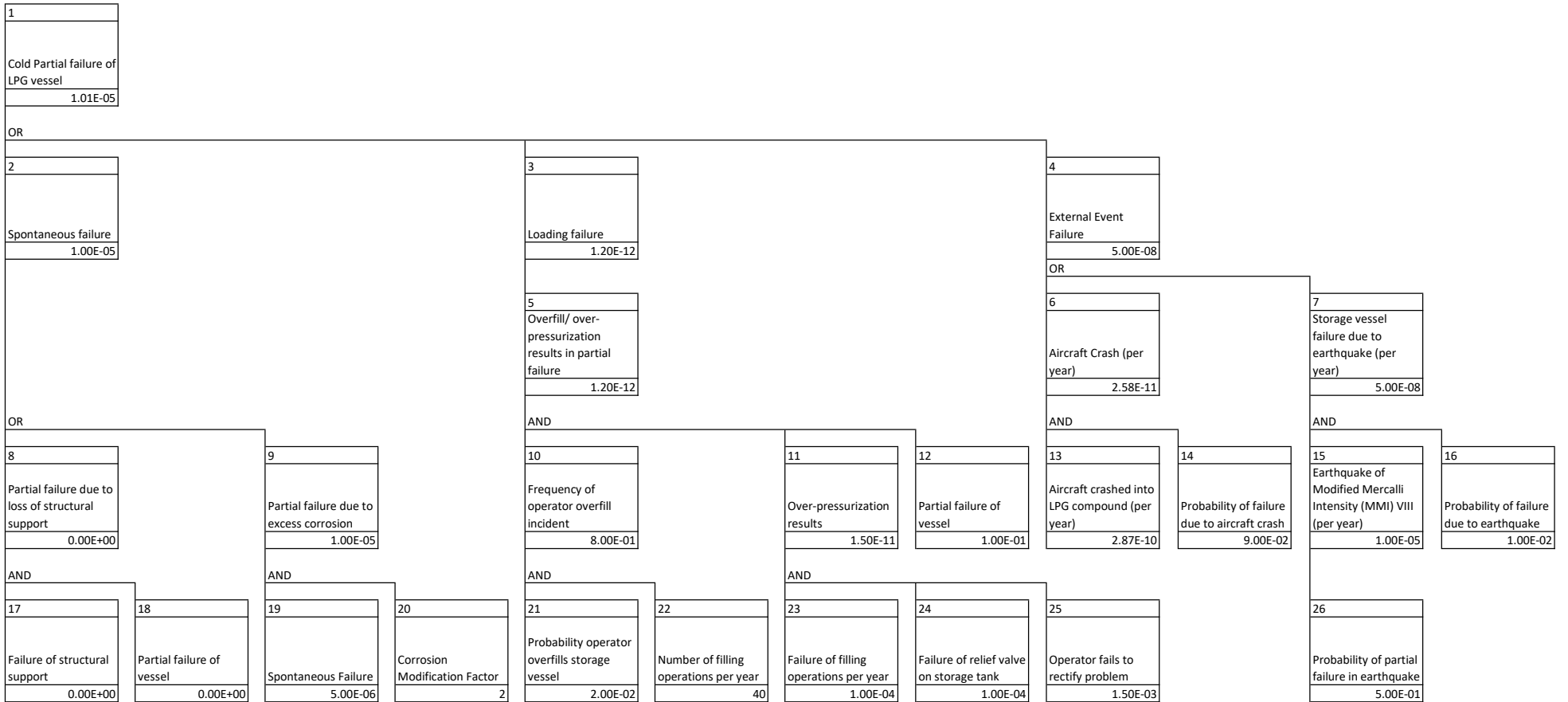
Appendix 11.4

Figure 1.2a Cold Partial Failure of Storage Vessel 1  
Tree FZ.1



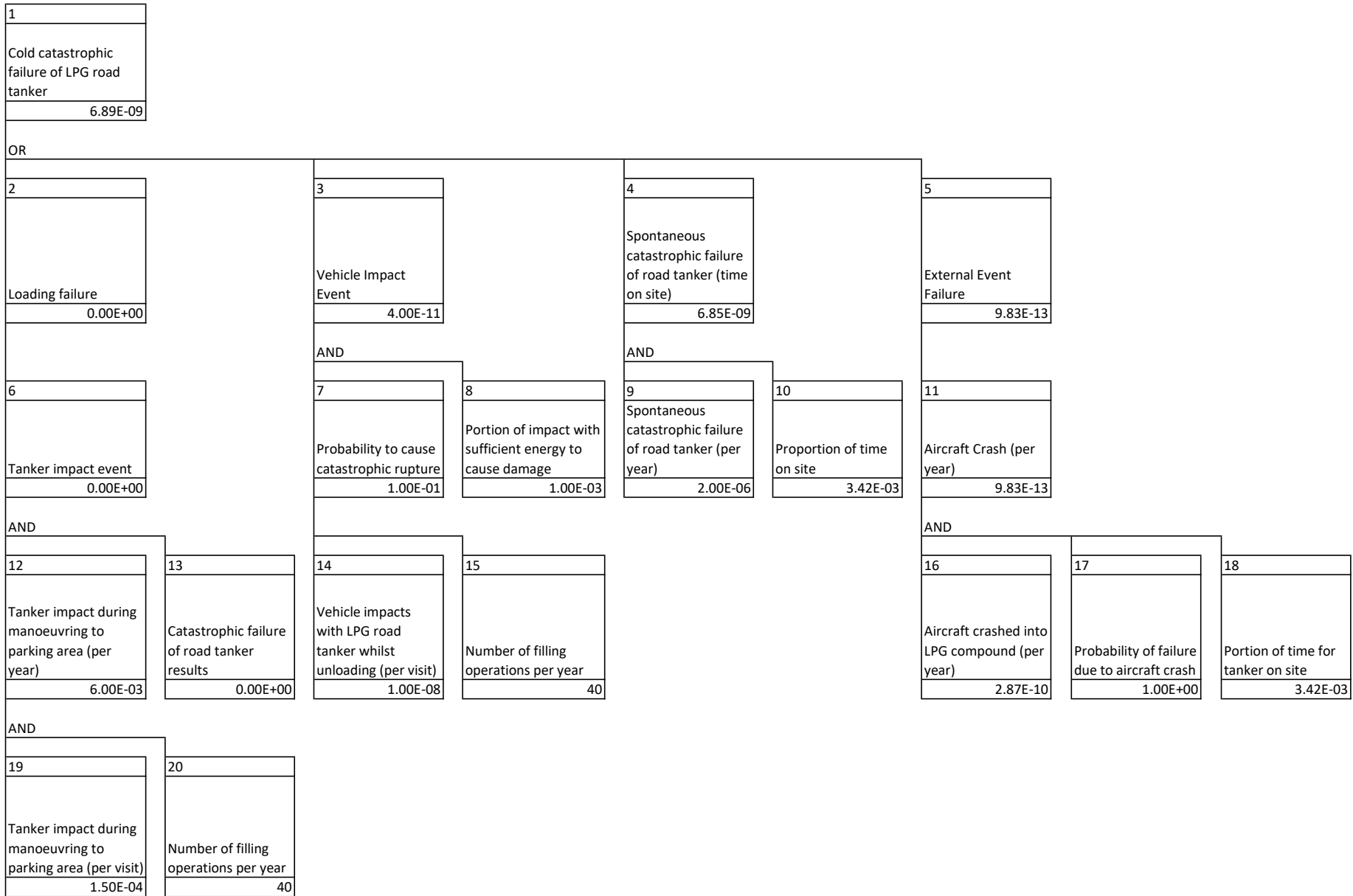
Appendix 11.4

Figure 1.2b Cold Partial Failure of Storage Vessel 2  
Tree FZ.2



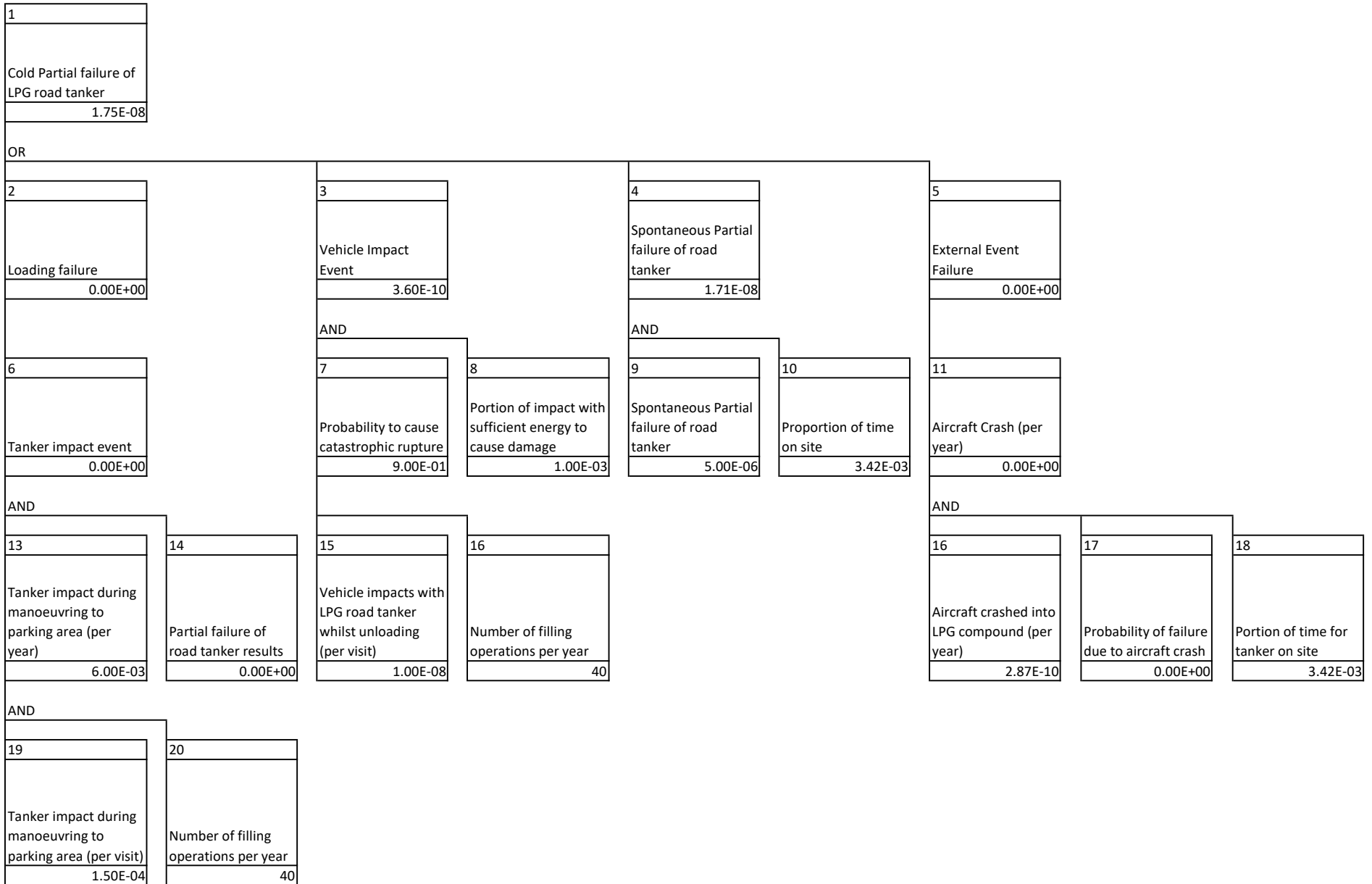
Appendix 11.4

Figure 1.3a Cold Catastrophic Failure of Road Tanker  
Tree F3



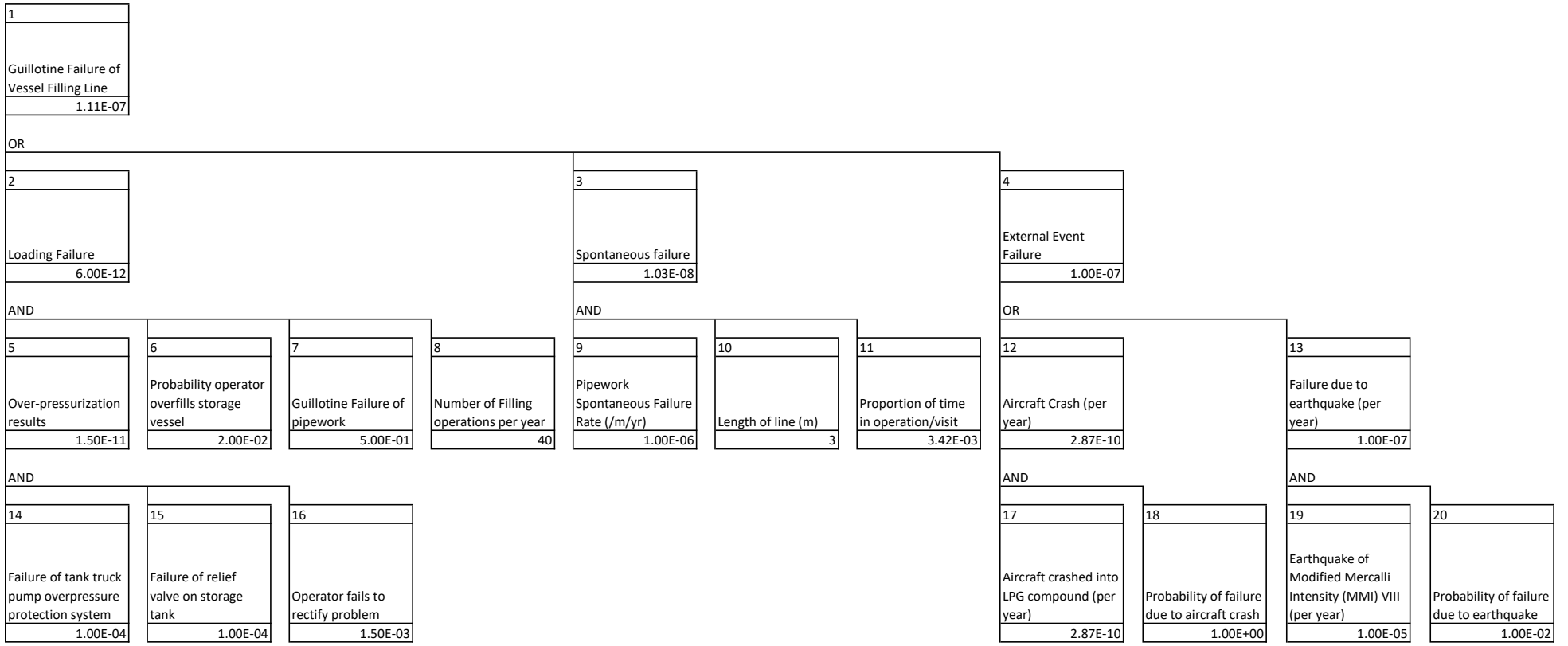
# Appendix 11.4

Figure 1.4a Cold Partial Failure of Road Tanker  
Tree F4



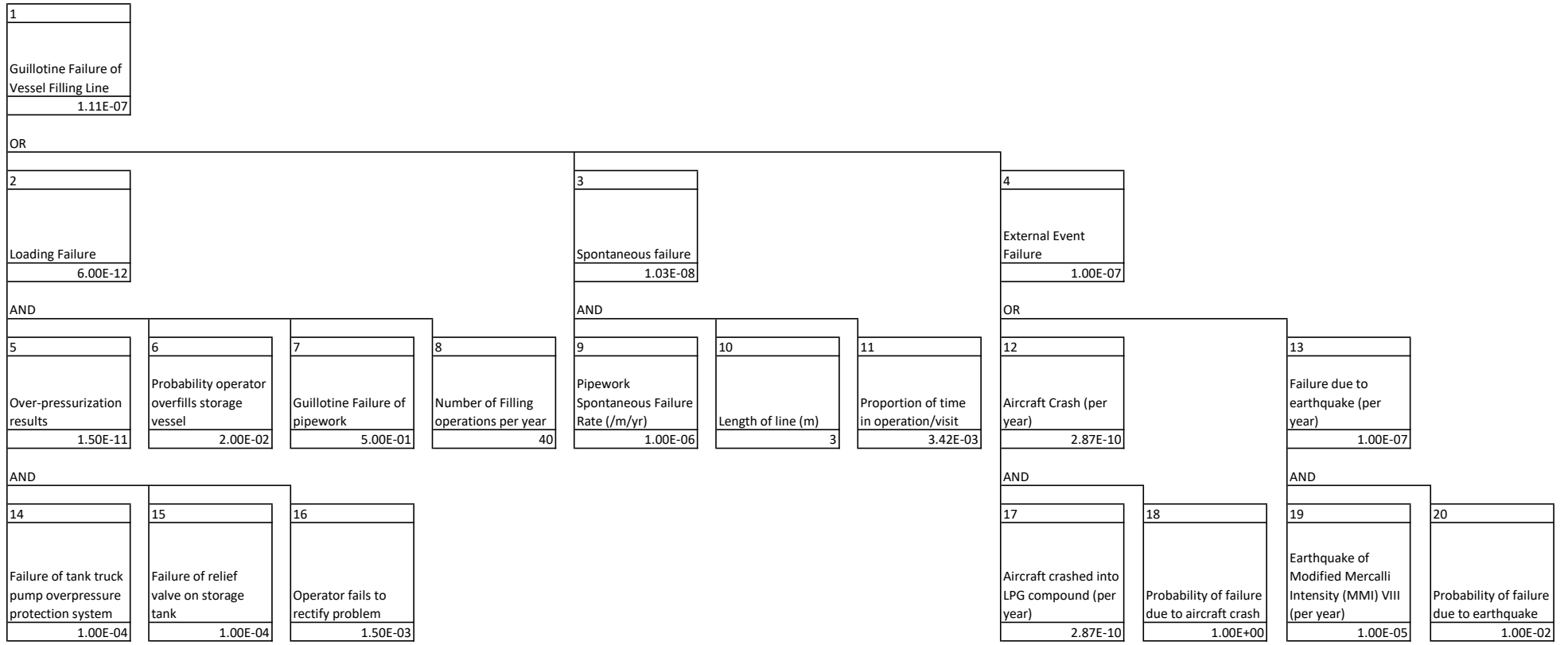
Appendix 11.4

Figure 1.5a Guillotine Failure of Liquid Filling Line to Vessel (fed from Tanker)  
Tree F5.1



Appendix 11.4

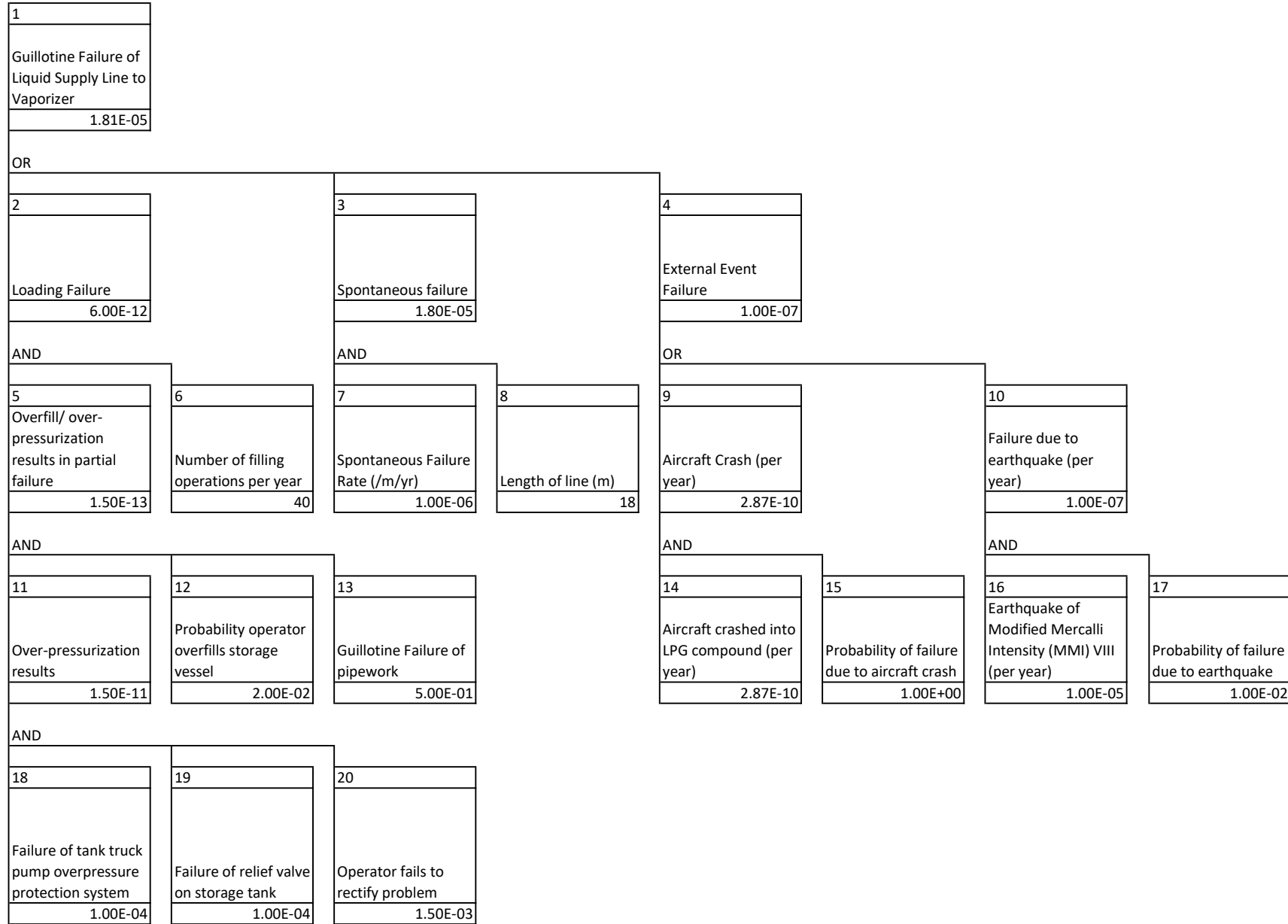
Figure 1.5b Guillotine Failure of Liquid Filling Line to Vessel (fed from Vessel)  
Tree F5.2





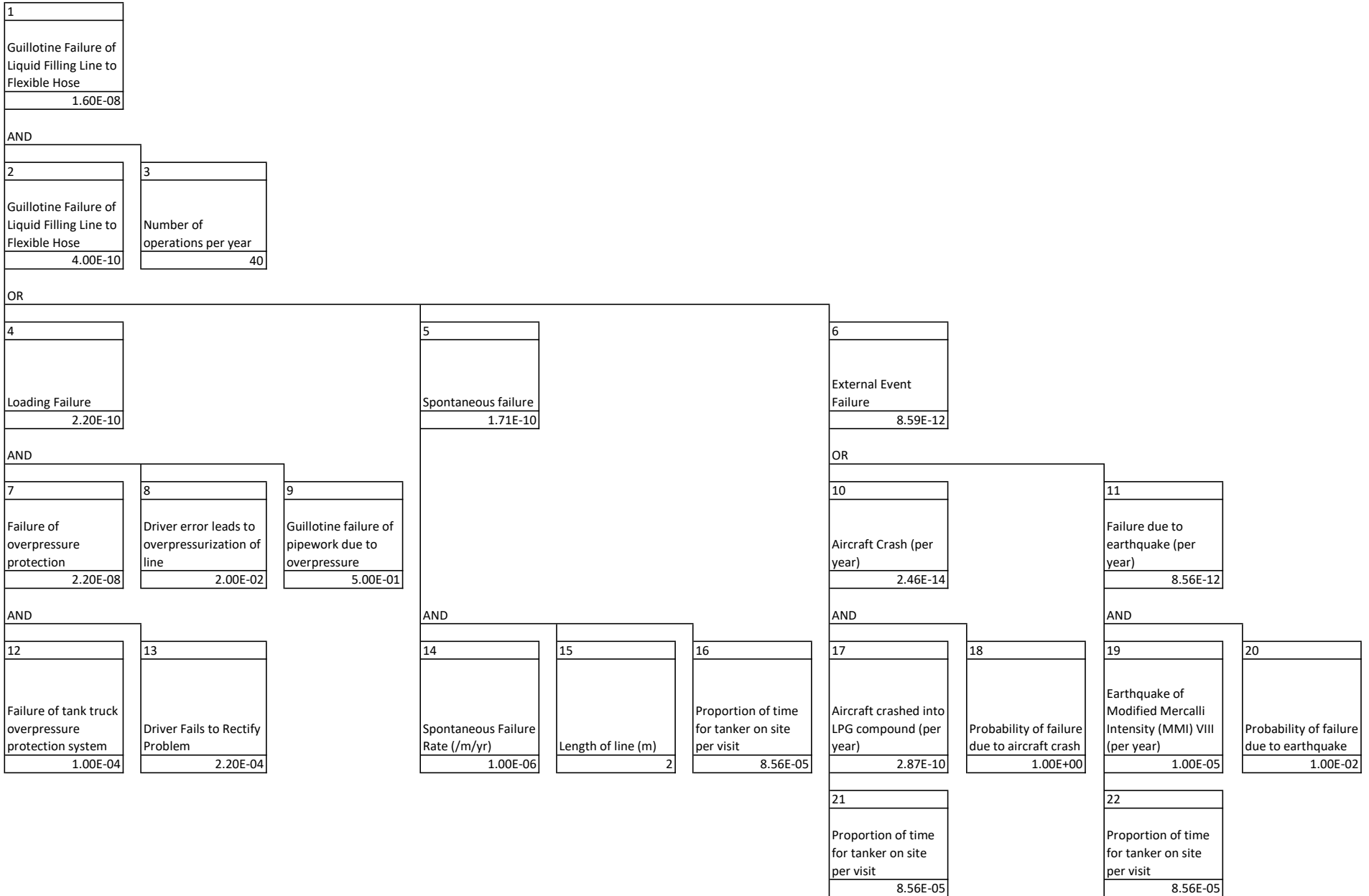
# Appendix 11.4

Figure 1.6a Guillotine Failure of Liquid Supply Line to Vaporizer  
Tree F6



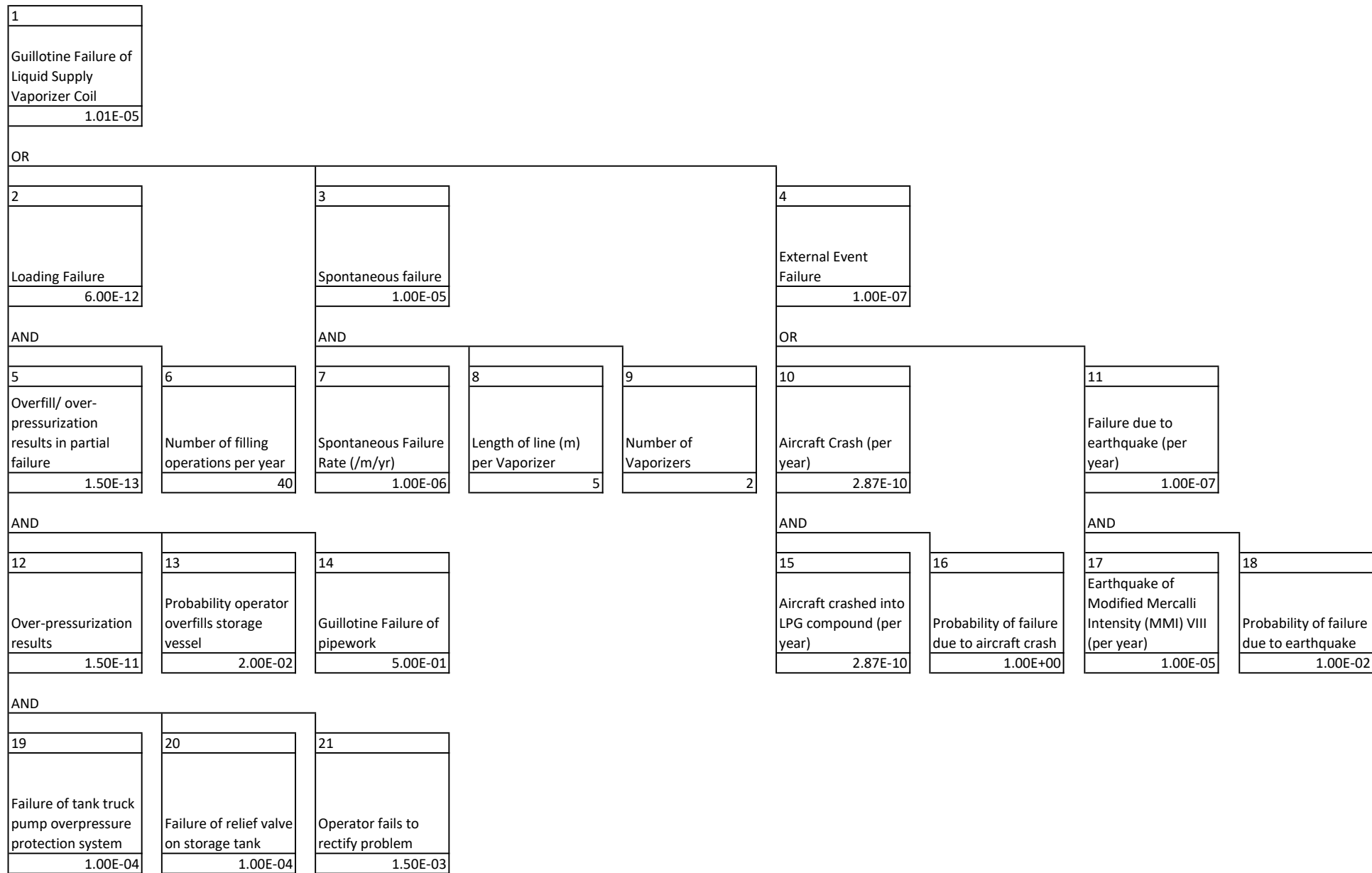
Appendix 11.4

Figure 1.7a Guillotine Failure of Liquid Filling Line to Flexible Hose  
Tree F7



# Appendix 11.4

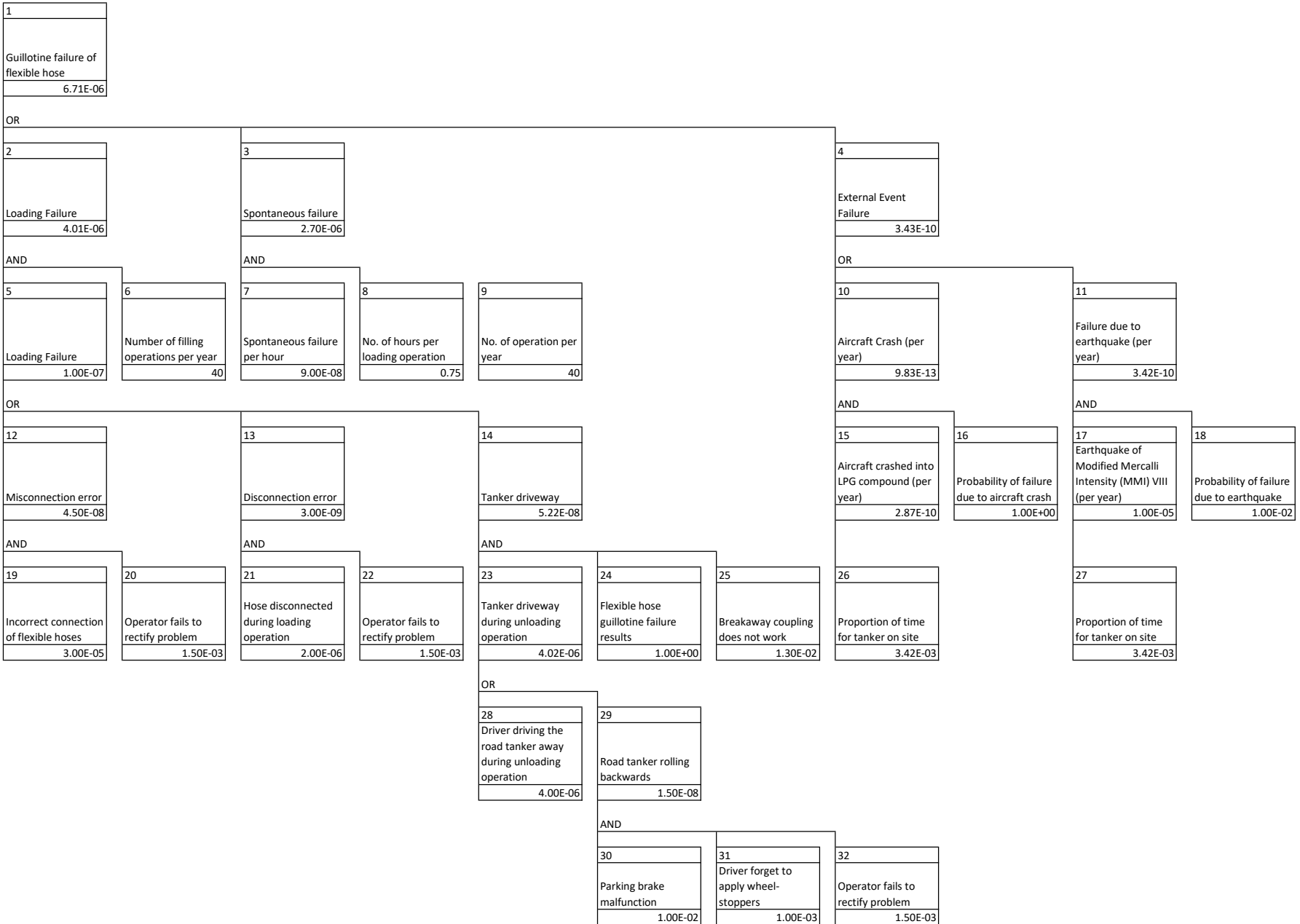
Figure 1.8a Vaporizer Failure  
Tree F8



Appendix 11.4

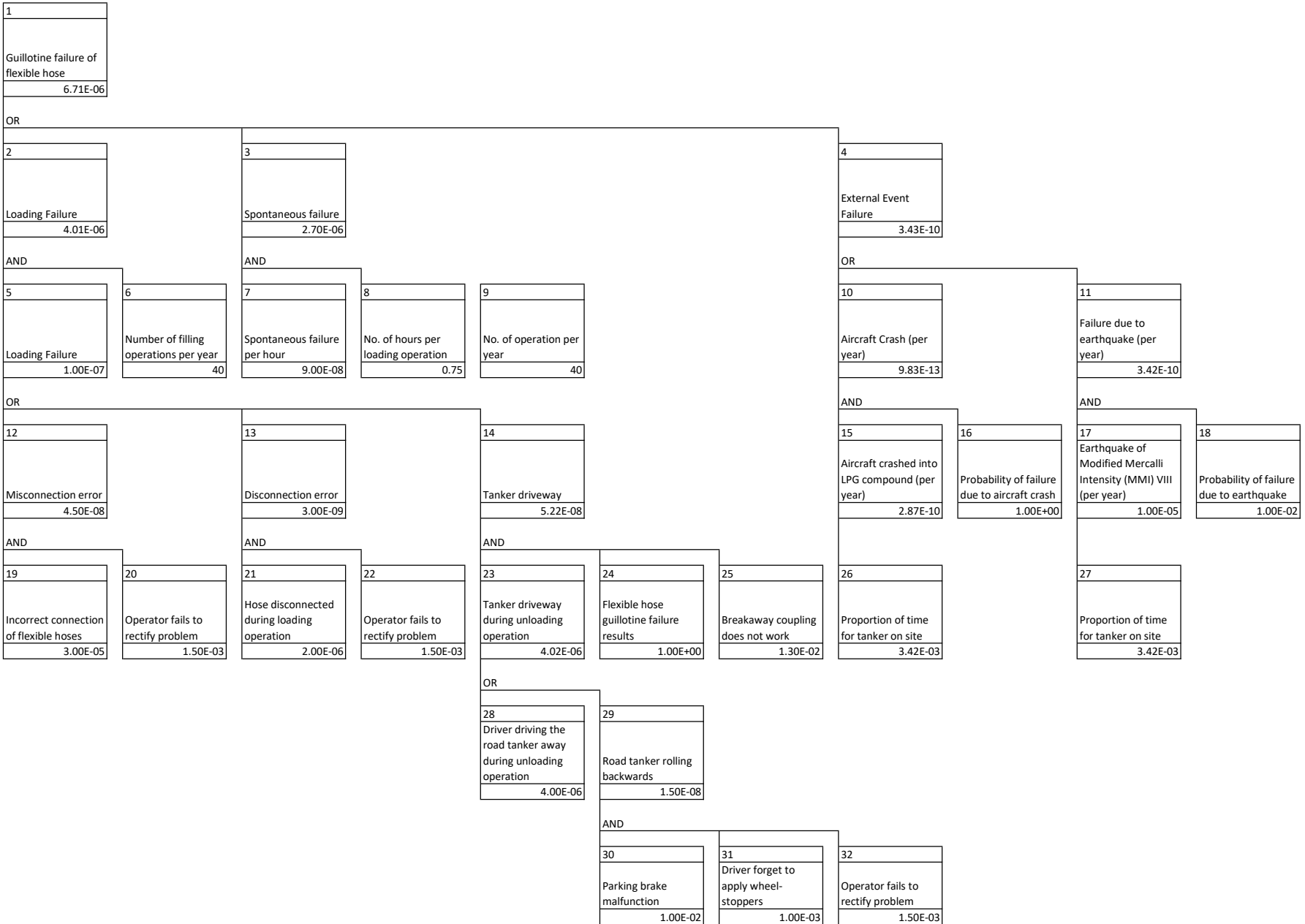
Figure 1.9a Guillotine Failure of Flexible Hose (Fed from Tanker)

Tree F9.1



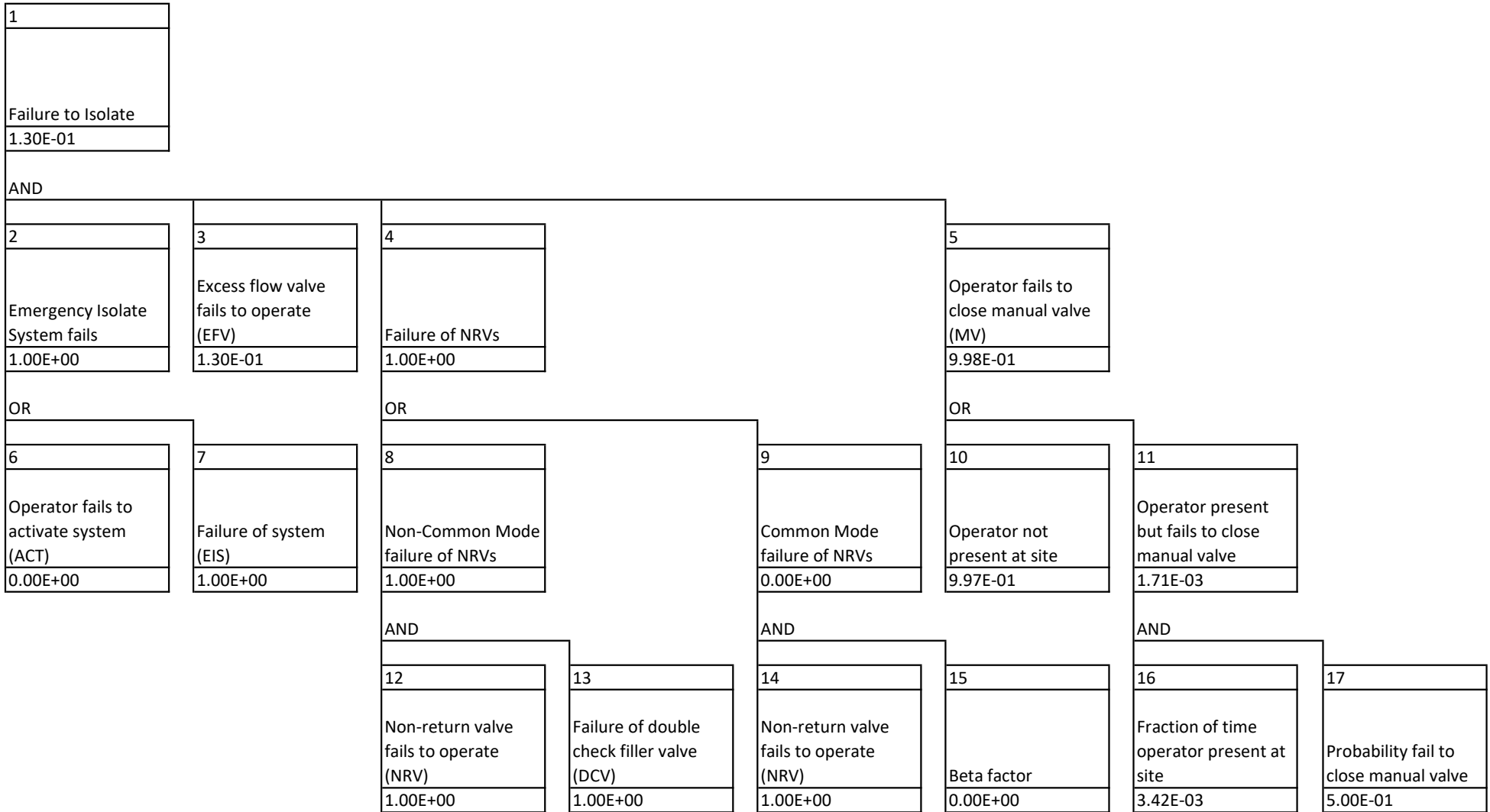
Appendix 11.4

Figure 1.9b Guillotine Failure of Flexible Hose (Fed from Vessel)  
Tree F9.2



# Appendix 11.4

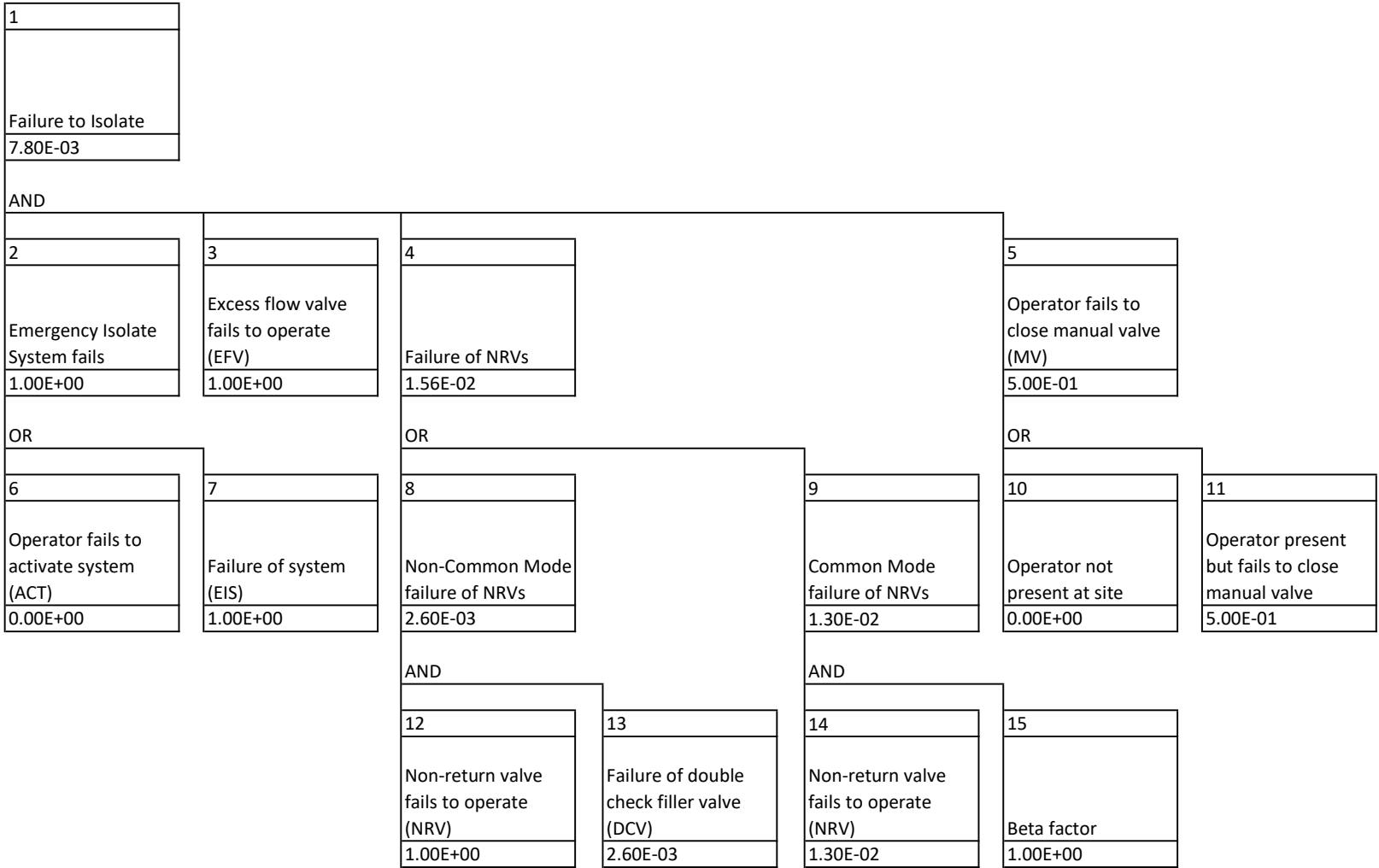
Figure 1.11a Failure to Isolate (Line to Vaporizer)  
**Tree F11.a**



# Appendix 11.4

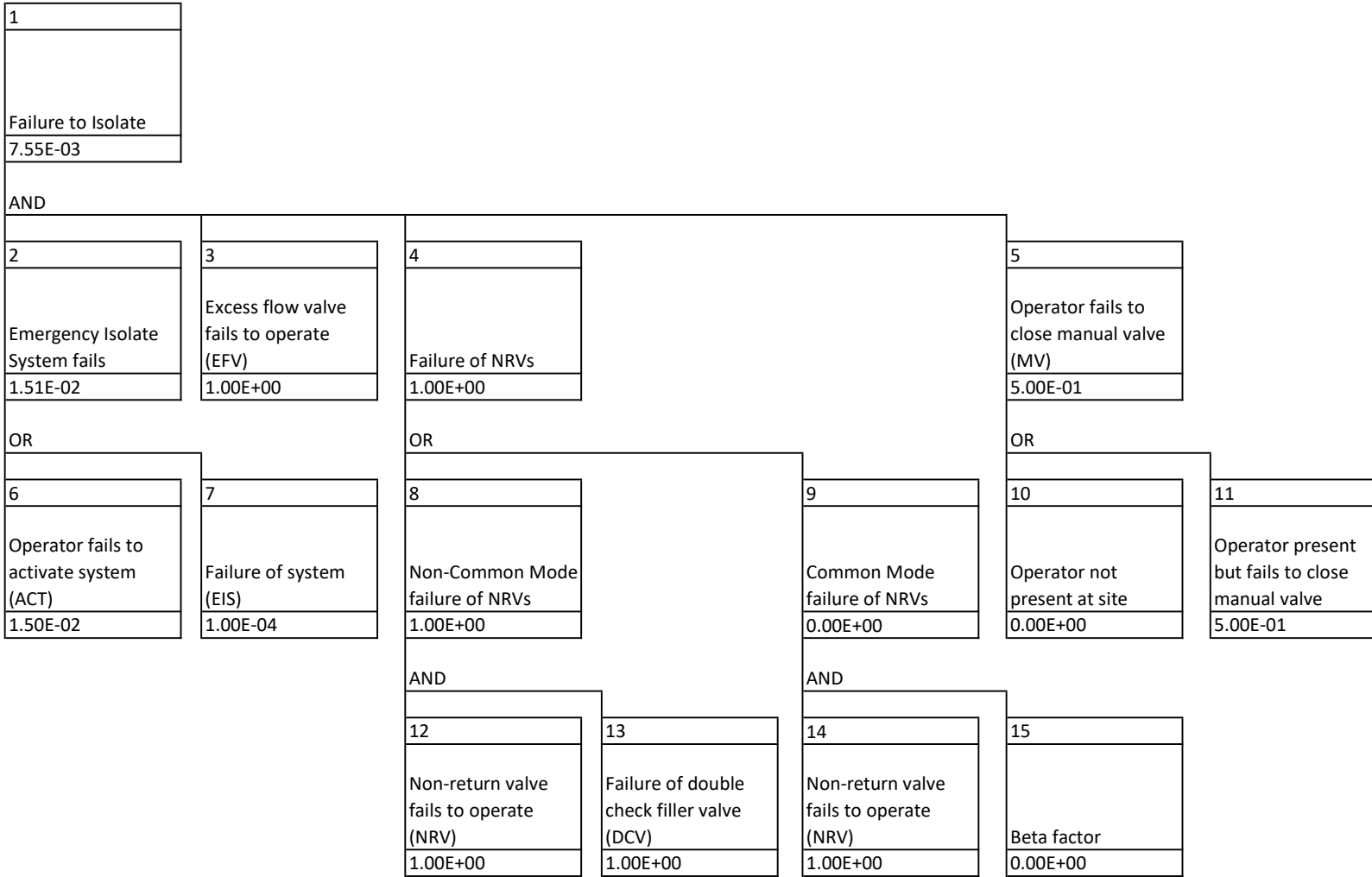
Figure 1.11b Failure to Isolate (Liquid filling line to flexible hose)

Tree F11.b



# Appendix 11.4

Figure 1.11c Failure to Isolate (Flexible Hose: Tanker)  
Tree F11.c

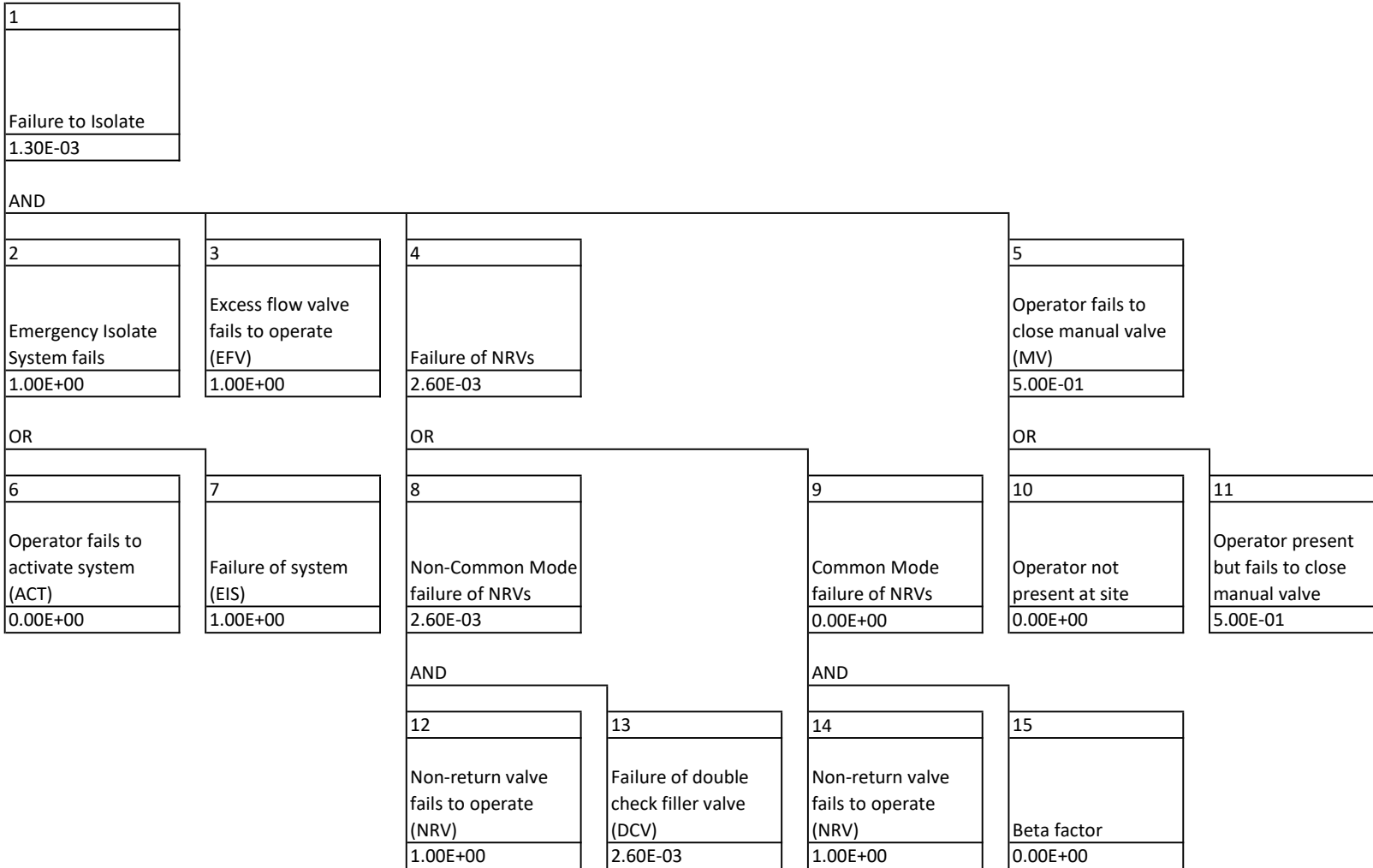




# Appendix 11.4

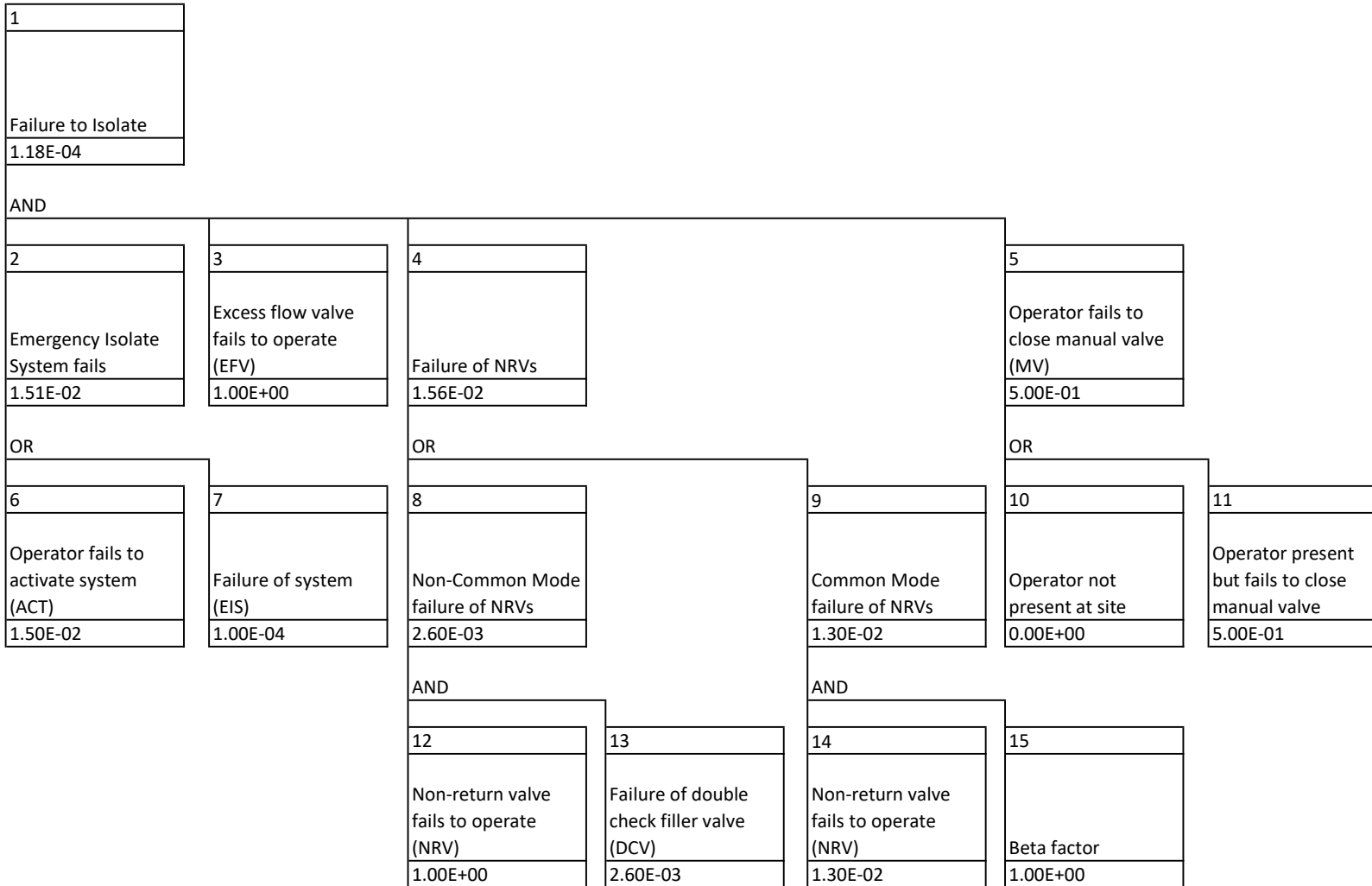
Figure 1.11d Failure to Isolate (Flexible Hose: Vessel)

Tree F11.d



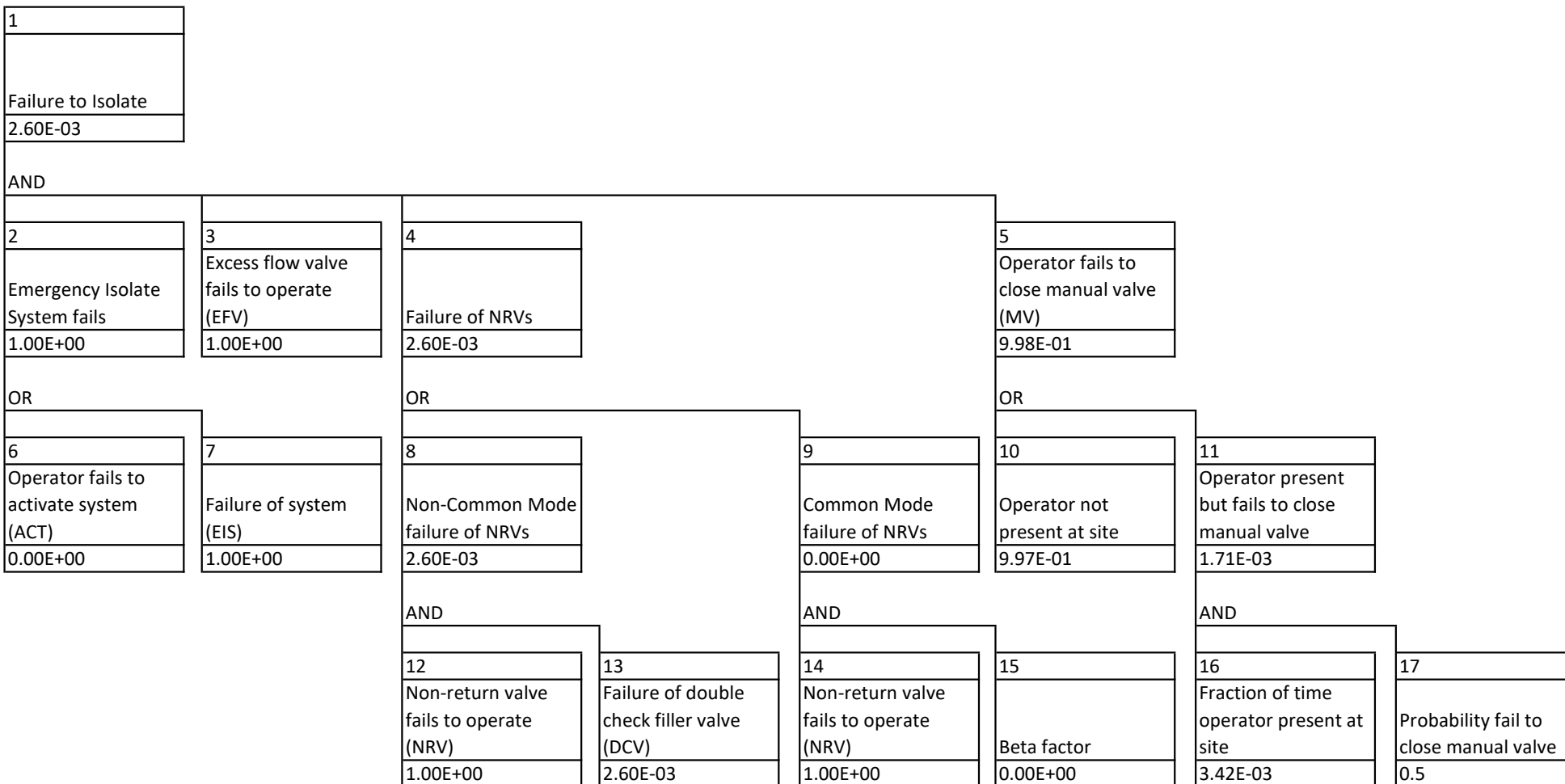
# Appendix 11.4

Figure 1.11e Failure to Isolate (Filling Line: Tanker)  
**Tree F11.e**



# Appendix 11.4

Figure 1.11f Failure to Isolate (Filling Line: Vessel)  
**Tree F11.f**



# Appendix 11.4

Figure 1.12a Fire Protection/Fighting Systems Fail to Prevent BLEVE (jet Fire, Road Tanker)  
**Tree F12a**

