

Figure 1: Conceptual framework

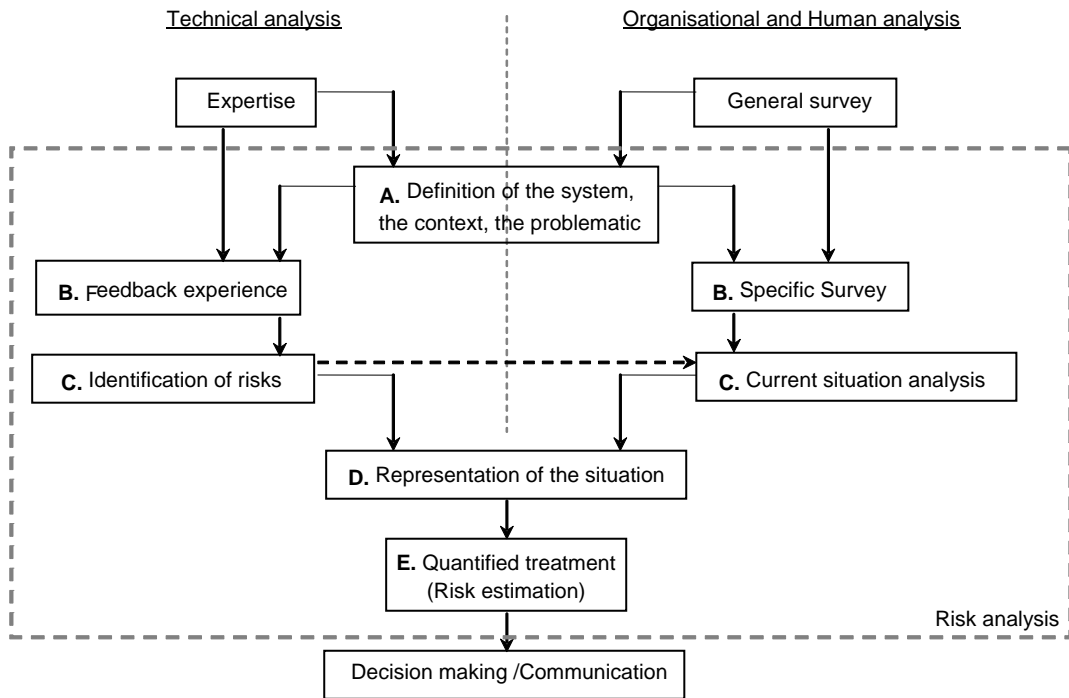


Figure 2: Similarities between technical and human/organisational analyses

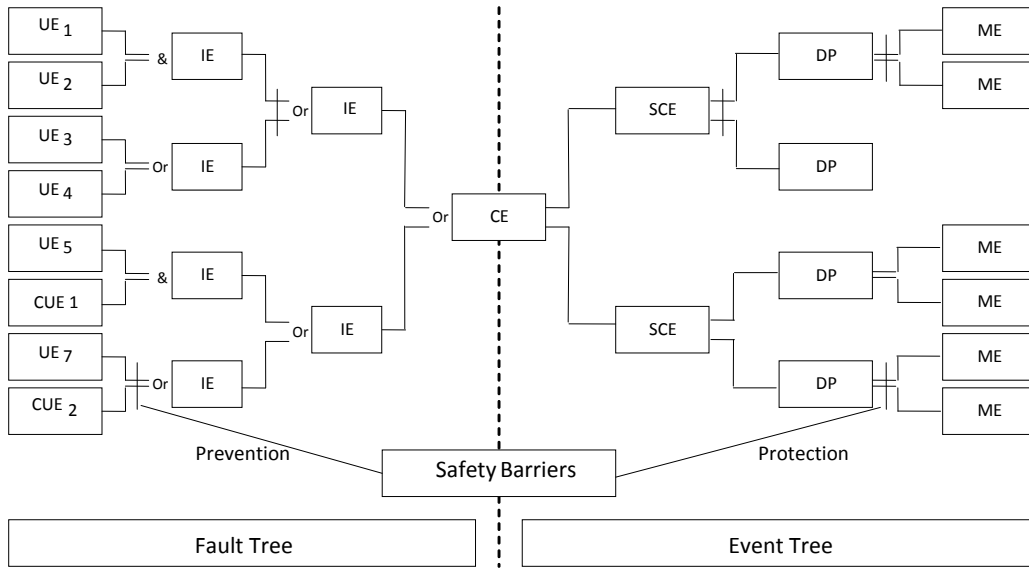


Figure 3: Bow-tie representation

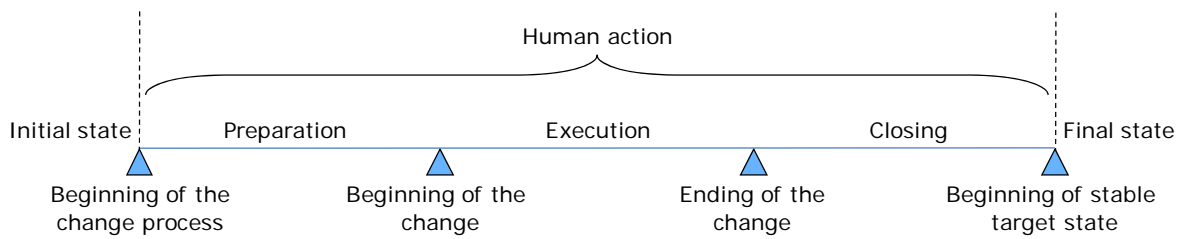


Figure 4: Change process representation

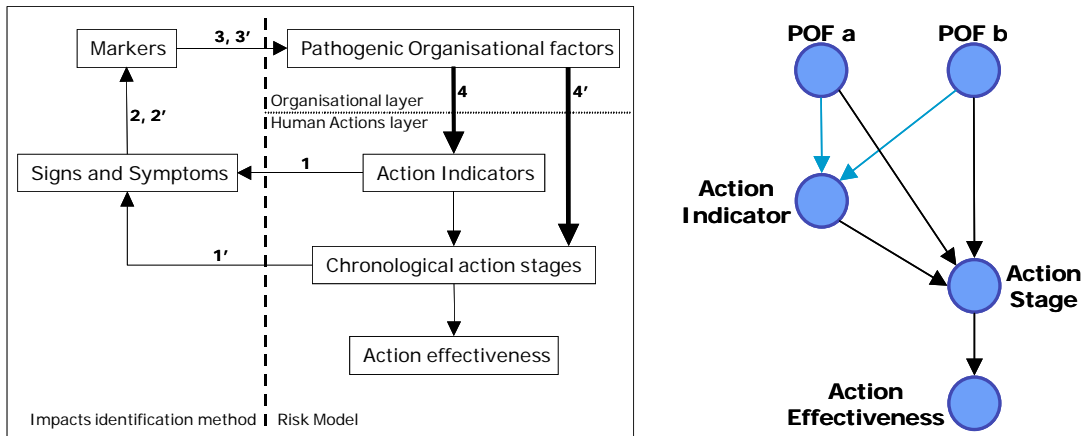


Figure 5: (a) Impacts identification methods and (b) Associated Bayesian risk model

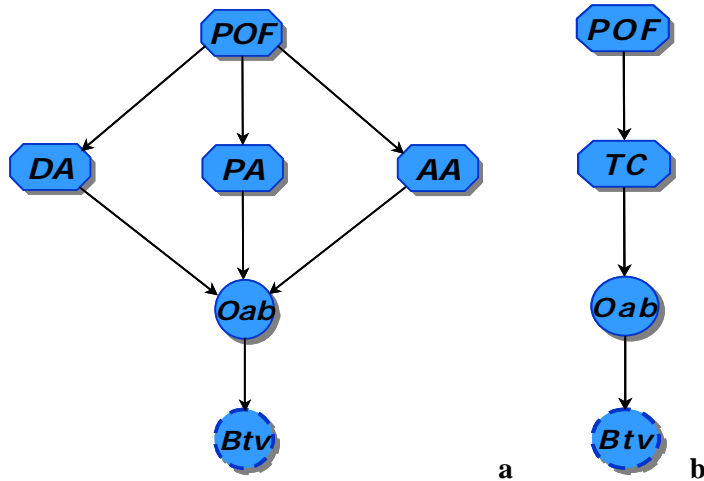


Figure 6: Global barrier models for (a) SIS and (b) SD barrier types

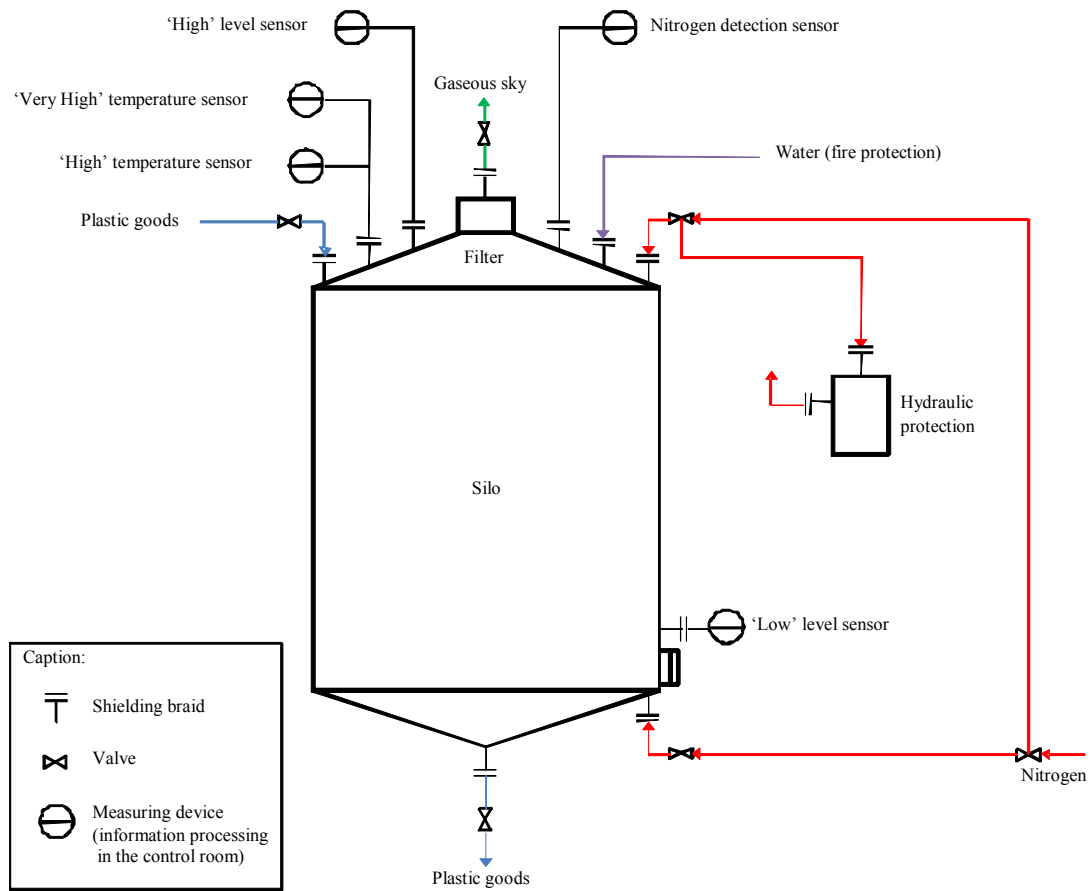


Figure 7: Silo synopsis

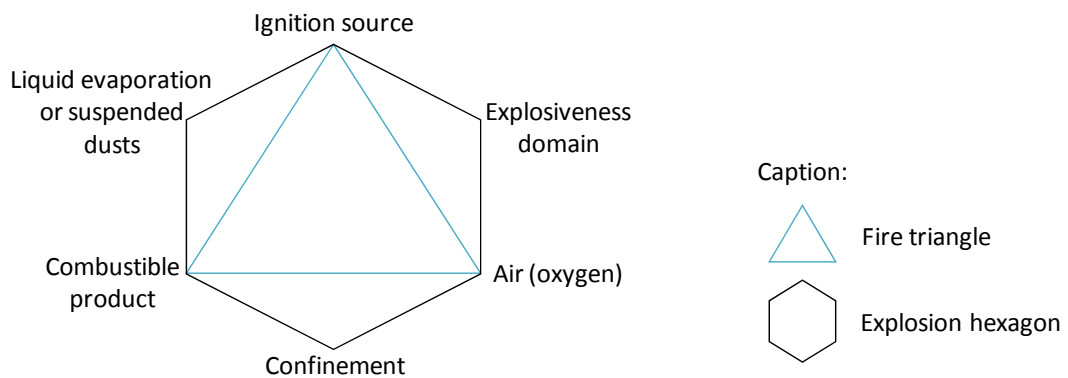


Figure 8: Explosion hexagon and fire triangle

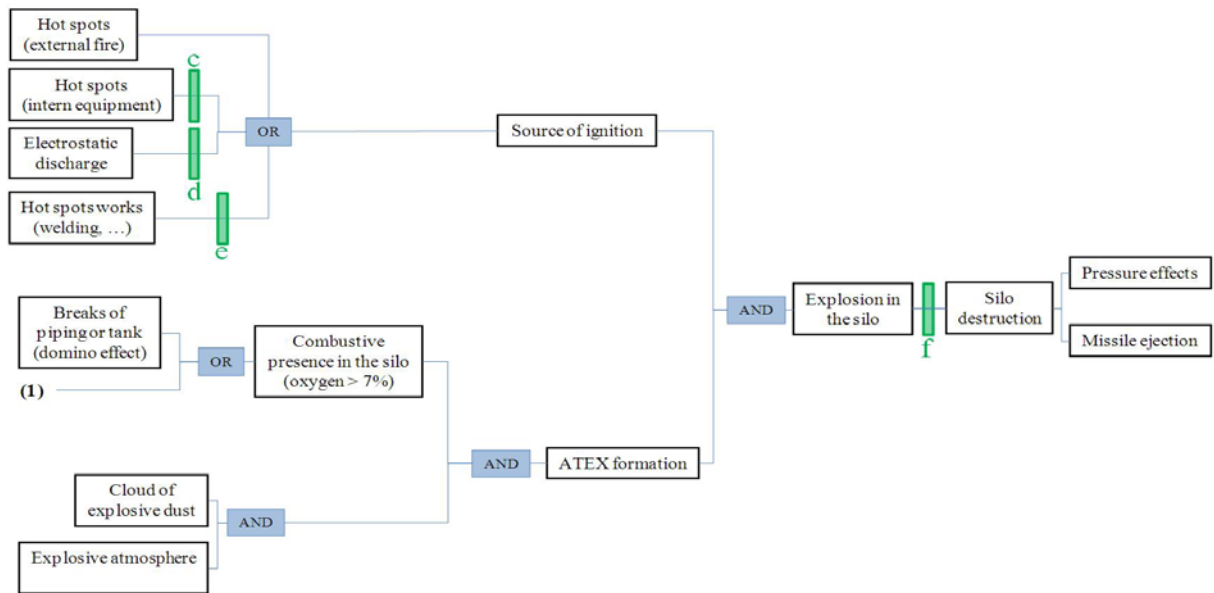


Figure 9: Bow-tie of the “silo explosion” scenarios

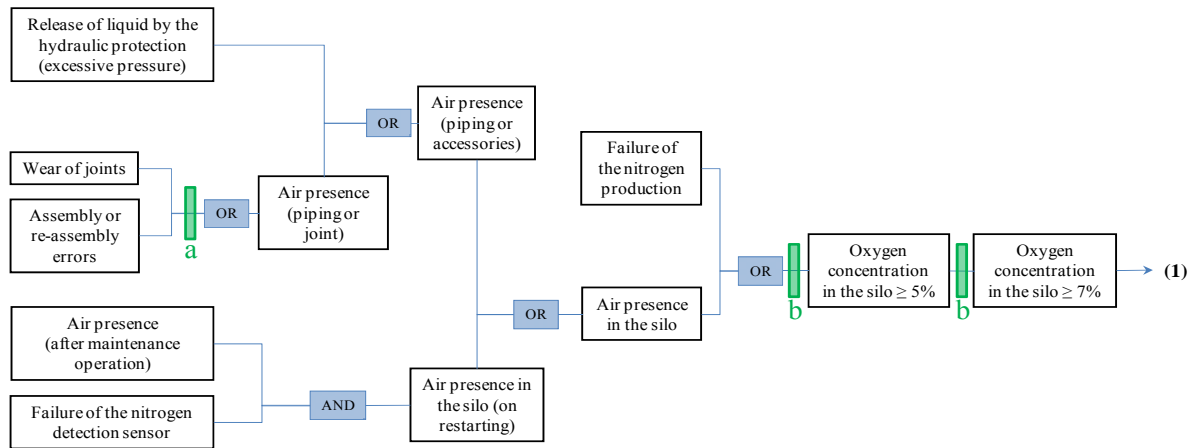


Figure 10: Bow-tie of the “combustive presence” scenarios (other than domino effects)

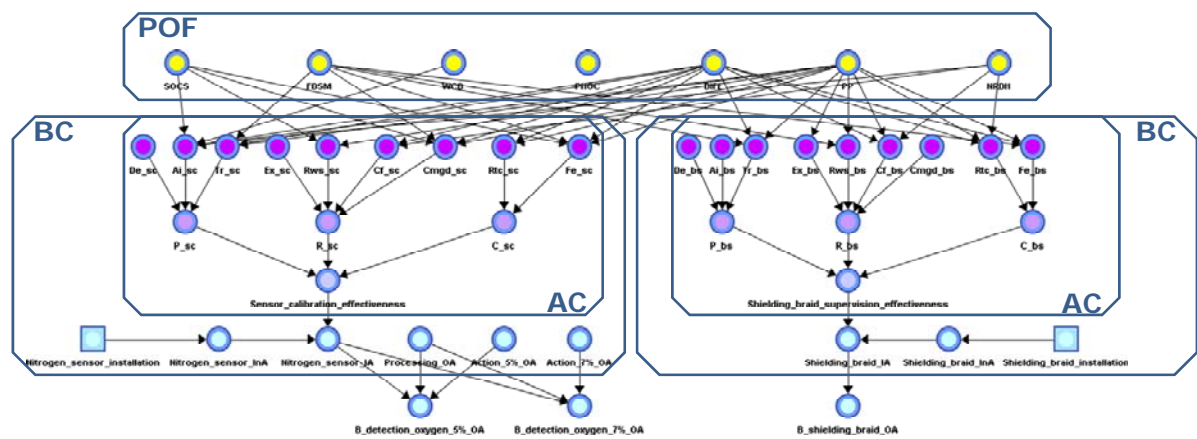


Figure 11: Human and Organisational contexts for barriers ‘b’ and ‘d’

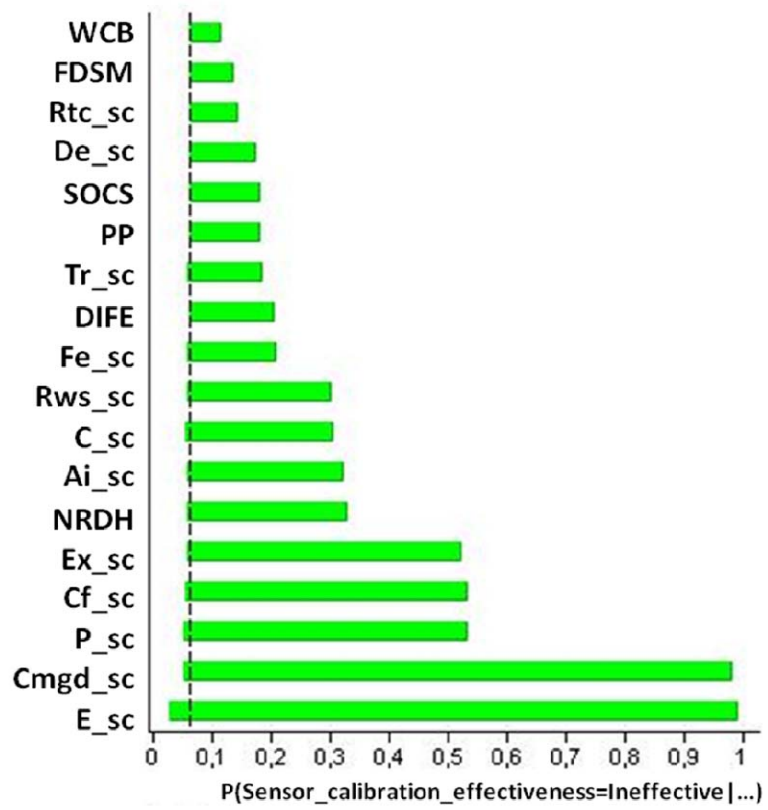


Figure 12: Sensitivity of the probability for the sensor calibration inefficiency

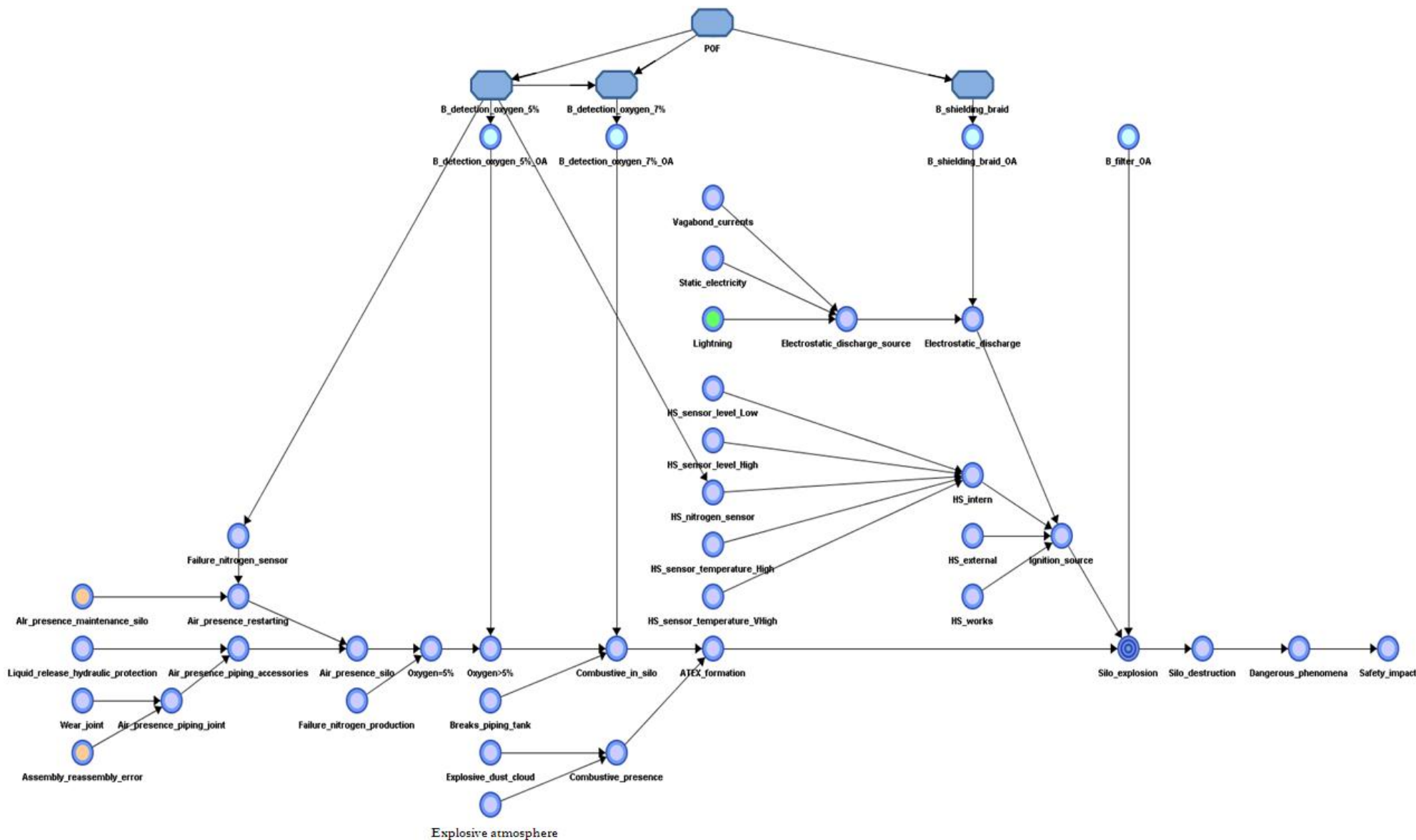


Figure 13: Bayesian network of the “silo explosion” scenario