

Incident Severity Level Matrix

Severity Level	Injury/ Illness	Fire or Explosion	Property Damage / Loss	Loss of Integrity	Process Safety	Physical Security	Transportation	Reliability
Level 1	Near Miss / Nominal Injury	Near Miss	Near Miss	Near Miss	Near Miss	Near Miss / Badge Not Visible	Near Miss	An unexpected, unbudgeted Reliability malfunction or failure resulting in the summation of equipment damage and lost product = \$5,000 USD
Level 2	First Aid / Onsite Treatment	Smoke or embers	Damage resulting in direct cost < \$2000	Chemical substance ≤ 5 gallons	Any PPM reading > 0 on a sensor of a PSM chemical	Non-physical assault, or security system compromise where perimeter remains intact or unescorted visitor, or badges not available/ without a badge	No cleanup cost or Non-DOT regulated load involved with no community or environmental impact ChemTrec notified and no further action required	\$5,000 - < \$50,000
Level 3	Recordable injury or first aid that required offsite first aid treatment Governmental notification	Use of a fire extinguisher	Damage resulting in direct cost > \$2,000 & < \$25,000 or vehicle involved	Chemical substance < 300 gallons or highly hazardous chemical < 1 gallon; chemical released within secondary containment or contained within the facility	PSM chemical release requiring protective action; Flammable release without reaching the LEL; evacuation of the work area	Unauthorized access without intent, OR threat of violence, OR perimeter compromise where access could be gained (fence line)	ChemTrec notified and action required or DOT regulated load involved with no community/ environment impact	\$50,000 mil - < \$.5 mil
Level 4	Recordable injury with restricted or lost time days – Any exposure to highly hazardous chemical Governmental notification financial penalty (actual or proposed)	Facility evacuation / Fire protection systems activated (sprinklers, foam, etc) Dispatch of emergency response services	Damage resulting in direct cost = \$25,000 - < \$150,000	Chemical substance > 300 gallons or highly hazardous chemical > 1 gallon; chemical release outside of containment but retained on company property	Flammable release reaching the LEL; Evacuation of the facility; Regional media coverage; Environmental remediation required = \$10,000 - < \$150,000	Vandalism / burglary, or physical assault, or unauthorized access with intent, or sabotage, or perimeter compromise and someone gains access, or facility receives direct notification of pending threat from government or non-government agency	ChemTrec notified and response required with cleanup costs = \$10,000 - < \$25,000; Or government transport regulator or inspector initiated contact.	\$.5 mil - < \$2 mil
Level 5	Total disability (potential) or fatality	Resulting in = \$25,000 of direct cost and the dispatch of emergency services	Damage resulting in direct cost > \$150,000	Offsite impact or reportable quantity	Offsite impact National media coverage; Federal agency notification required Environmental remediation required = \$150,000	Any facility direct notification of impending and credible threat of any kind, or terrorism, or perimeter compromise and access is gained with intent for damage/ harm	Response required with cleanup cost in an amount = \$25,000 or regulated load involved with community/ environment impact, or government transport regulator or inspector initiated contact with fines or multiple injuries or fatality	> \$2 mil