

Module 2, Scenario 11

Employees #1 and #2 were standing atop an 80,000-gallon capacity tank that contained about 35,000 gallons of ammonia liquor. When Employee #3, using a torch, began to cut off the elbow from the seal pot they were replacing, sparks flew inside the tank through an unblinded flange and caused an explosion.

Employee #1 was thrown 288 feet and died of his injuries;

Employee #2 was thrown 157 feet and died of his injuries.

Employee #3 sustained burns on his left arm and was sent to the hospital. Employee #4, who was in a building adjacent to the tank, was blown off his feet by the explosion and was sent to the hospital for treatment of general pain. Employee #5 was in the cab of a crane next to the tank and was sent to the hospital for ringing in his ears and general discomfort

