Ammonia is compound nitrogen and hydrogen with the formula NH3. Ammonia is lighter than air, colorless gas and has a very pungent odor. Ammonia is the starting material for the manufacture of a great variety of chemicals. It is mainly used in manufacturing Fertilizers.

Ammonia is also used as refrigerant and even as a sustainable fuel for power generation. Ammonia is highly hazardous nature. Ammonia is stored under pressurized conditions at ambient temperatures.
What is Risk Analysis of Ammonia Storage Facility?

Risk analysis defined as a process, which includes both qualitative and quantitative determination of risks and their social evaluation. Risk analysis is used to estimate the risk associated with ammonia storage facility. The great risk is the release of Ammonia from the storage tank.

Causes of release of Ammonia from Storage Facility.

Advantages of Risk Analysis

- Complete Analysis gives opportunity to focus on most “risky” items.
- Result suggests large accuracy, but it includes large uncertainty.
- Increased rate in understanding risk and its impact.

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Risk Analysis of Ammonia Storage Facility
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