

PROCESS SAFETY

Hazards that can lead to major incidents:



PRESSURE



**STRUCK BY
OBJECT**



FLAMMABILITY



**STEAM &
HOT LIQUIDS**



**TOXICITY & OTHER
EXPOSURES**

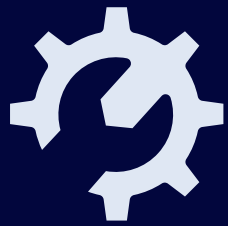
Identify where in your operations you are vulnerable to these hazards.

PROCESS SAFETY

Threats that can lead to a release and a major incident:

PROCESS SAFETY

Identify where in your operations you are vulnerable to these process safety threats.



EQUIPMENT

E.g.: Corrosion, erosion, component fatigue, inadequate materials of construction, lack of maintenance



ENVIRONMENT

E.g.: Lightning, freezing rain, excessive cold/heat, flooding, excessive wind, power outages



PEOPLE

E.g.: Insufficient competency, Life Saving Rule non-compliance, exceeding operating limits, inadequate inspection

Inadequate risk assessment, insufficient control of work, change, inadequate practices and procedures

PROCESS SAFETY

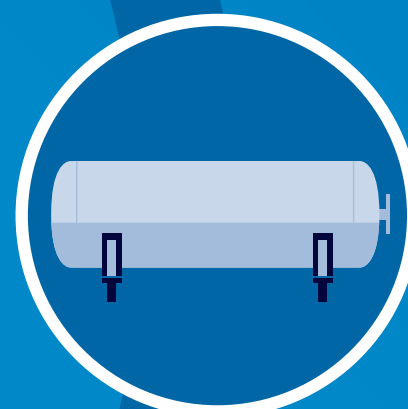
Ensuring hazardous substances are managed and contained



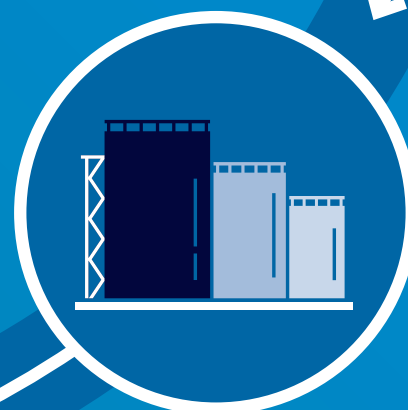
1. WELL



2. PIPE



3. VESSEL



4. TANK



5. HOSE

Identify where in your operations you are vulnerable to the release of a hazardous substance.