

Failure Modes Effects Analysis (FMEA) O D e e t **Potential Failure Mode** Potential Effect(s) of Failure **Causes of Failure Process Step Actions** 7 Make sure gas lines marked before digging Hit gas line 7 Unmarked gas line Dig hole Gas leak

Sev=Severity of the failure
Scale 1-10
10= Maximum Severity. Loss of life, limb or shutdown of organization
1= Minimum Severity. Little or no impact to the organization

Occ= Occurrence of the failure (how often does it happen?)
Scale 1-10
10= 100% of time
1= 10% of time or less

Det= Detectability of failure (do we have processes in place to detect failure?)
Scale 1-10
10= No ability to detect failure when it occurs
1= Failure is automatically detected as soon as it happens