

Factors Used in Current Methodology

- **Risk = Threat x Consequence**
 - Pressure Test Records
 - Not found – **High Risk**
 - Pipe/Equipment Condition
 - SME
- **Consequence**
 - HCAs
 - Census Data
- **Threats**
 - Construction
 - Pre 1955 – **High Risk**
 - 1955 - 11/1970 — Medium Risk
 - Post 11/1970* – **Low Risk**
 - Manufacturing - Pipe
 - Low Frequency Electric Resistance Weld (LF-ERW) – **High Risk**
 - Electric Flash Weld (EFW)– **High Risk**
 - Longitudinal Seam Weld Factor< 1.0 – **High Risk**
 - Pre 1960 – Medium Risk
 - Double Submerged Arc Weld (DSAW)
 - Submerged Arc Weld (SAW)
 - Post 1960 – **Low Risk**
 - Reconditioned
 - Yes – **High**
 - No – **Low**



* 49 CFR Part 192 went into effect in 1970