

Anomaly Discovery and Remediation

Anomaly Location _____

Anomaly ID _____

Dates:

Condition Discovered _____

Condition Classification Determined _____

Remediation Schedule Variance Requested _____

Condition Remediated/Repaired _____

Classification:

Immediate:

Pf <= 1.1 MAOP

DENT-Metal loss, cracking, or stress riser

JUDGEMENT of Operator

One Year:

DENT on top 2/3 of pipe

DENT affecting pipe curvature

@ girth weld or longitudinal seam weld

Monitored :

DENT on BOTTOM 1/3 of pipeline; >0.5 in./6% of diam.

DENT on TOP 1/3 of pipeline; >0.5 in./6% of diam.,

critical strains not exceed

DENT > 2% / 0.25 inches affecting pipe curvature

girth or longitudinal seam weld, not exceeding critical strain levels and considering weld properties

Is pipeline safety ensured until next assessment? Yes No

Date of next Assessment _____

Pressure reduced by operator? No Yes

Date _____

Based on: ASME B31-G RSTRENG 80% of Current

Remediation Method:

Pressure Reduction

Replacement

ECA, recoat

Grind repair/ECA

Direct deposition weld

Type B, pressurized sleeve

Type A, reinforcing sleeve

Composite Sleeve

Epoxy filled sleeve

Mechanical Leak Clamp

Threat Presented:

Third Party Damage

PDP

Vandalism

Note: PDP is previously damaged pipe, unreported damage

Corrosion

External

Internal

Equipment: List: _____

Weather Related

Cold

Lightning

Heavy Rain/Flood

Manufacturer

Pipe Seam

Pipe

Construction

Girth weld

Fabrication Weld

Coupling

Wrinkle Bend or Buckle

Earth Movement

Stress Corrosion Cracking

Comments: _____

SCHEDULED:

FAILURE PRESSURE (Pf) _____

Based on: ASME B31-G

RSTRENG

Alternative Method

Max. years until Scheduled Examination _____

Deadline of Examination from maximum years _____

For <30% SMYS: Time = 9.09 * Pf/MAOP - 10; For 30% SMYS to <50%: Time = 16.5 * Pf/MAOP - 18.33; For 50% SMYS or >: Time = 33.33 * Pf/MAOP - 36.66

IMP Administrator or assignee _____

Corresponding leak report or work order _____