Pipeline Lateral Buckling Evaluation

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| Project # | 61850 |
| Engineer | VA |
| Checker | TBD |
| Date | 2021/10/22 |

# Notes

This tool can be used to estimate the approximate thermal movement/reaction forces for signal pipe or PIP.

Assumptions

- If solution not converging, adjusting assumed initial values

- The flowline is treated as straight line in the expansion calculation. Lateral motion is ignored

# Input Data

1. \*\*Critical Parameters\*\*

2. \*\*Flowline pipe design data\*\*

# Pipe Property

1. \*\*Critical Parameters\*\*

2. \*\*Flowline pipe design data\*\*

# Expansion Calculation

TBD

TBD

# Buckle Susceptibility Check

TBD

TBD