

ASME B31.3 Process Piping

Charles Becht IV, PhD, PE
Don Frikken, PE
Instructors

BECHT ENGINEERING COMPANY, INC.

Flexibility Analysis - 1

Piping Development Process

1. Establish applicable system standard(s)
2. Establish design conditions
3. Make overall piping material decisions
 - Pressure Class
 - Reliability
 - Materials of construction
4. Fine tune piping material decisions
 - Materials
 - Determine wall thicknesses
 - Valves
5. Establish preliminary piping system layout & support configuration
6. Perform flexibility analysis
7. Finalize layout and bill of materials
8. Fabricate and install
9. Examine and test

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Flexibility Analysis - 2

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