




# HYDROSTATIC TEST CERTIFICATION

A **Hydrostatic Test** of a natural gas pipeline is performed in accordance with 49CFR, Subpart J. The objective is to qualify a Maximum Allowable Operating Pressure for the pipeline and verify that the pipeline is structurally sound, and leak free.

A **Hydrostatic Test Certification** documents that a test has met the requirements of 49CFR, Subpart J and provides evidence of the test's success or failure if the test section cannot be visually inspected.

Considerations before the test:

-  Create computer model of test section to compare actual results to
-  Add controls to minimize temperature change of water during test
-  Confirm testing contractor has proper equipment to measure pump strokes, bleed volumes, and accurate temperatures

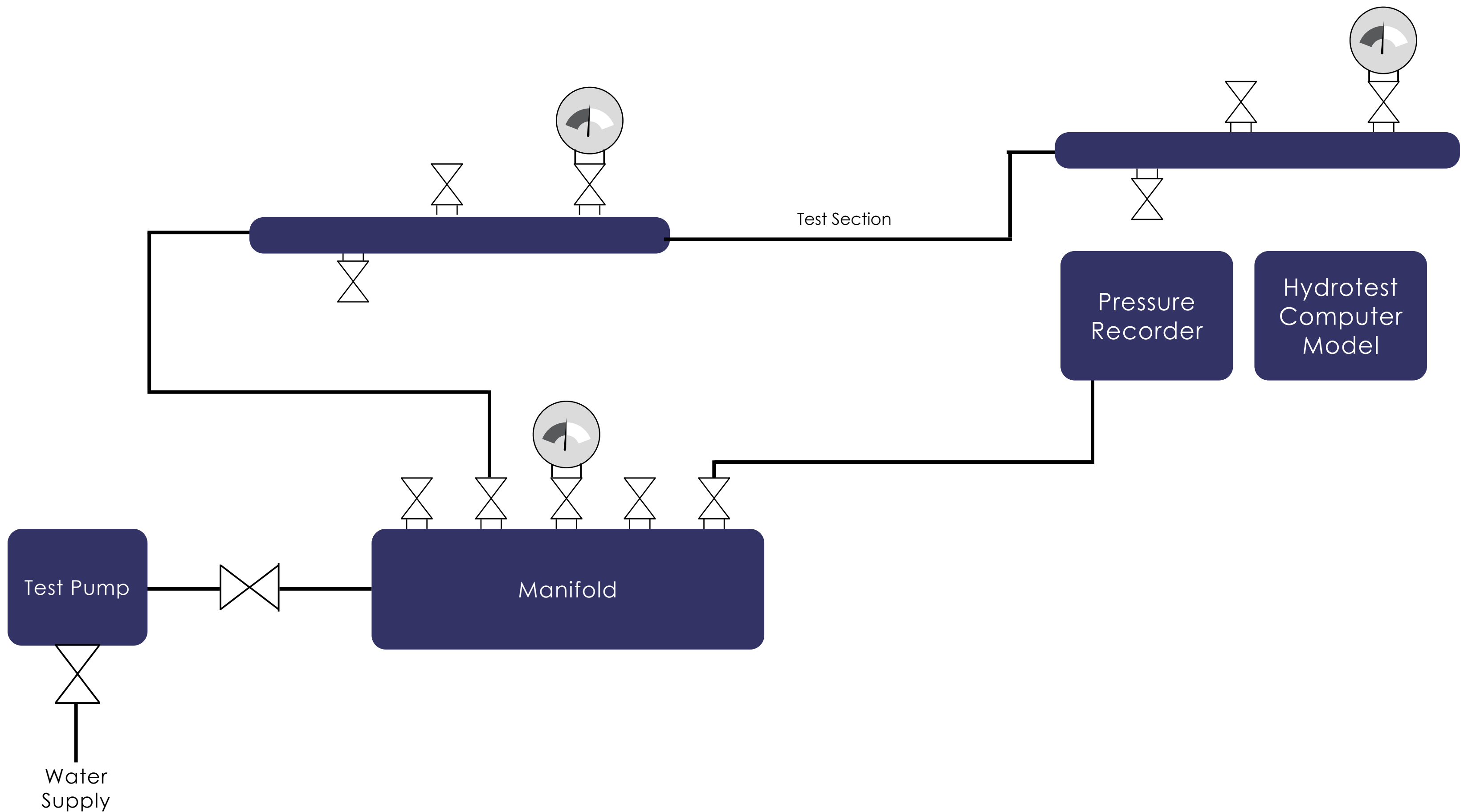
Activities during test:

Input test data real-time into model to ensure there is no leak or pipe yielding

Measure volume of water that is added/ removed during static test hold

## BENEFITS OF A HYDROSTATIC TEST CERTIFICATION:

- Evidence of success or failure of the test
- Documentation of theoretical water volume to actual water volume based on temperature change



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