

NPS 24 | DdL-DW2



The Enduro DdL-DW2 geometry inspection tool is designed to detect and measure pipeline deformation features including dents, ovality, wrinkles, and bore restrictions. The tool provides reliable geometry inspection to support pipeline integrity programs, deformation monitoring, and pre-ILI assessments.

Built and supported in Tulsa, Oklahoma, the DdL-DW2 helps operators evaluate pipeline conditions and prepare lines for integrity inspections.

Quick Facts

Nominal Pipe Size: 24 in
Measurement Type: Direct wall geometry inspection
Minimum Bend Radius: 1.5D
Velocity Range: 3–6 mph
Temperature Range: 14°F – 149°F
Maximum Operating Pressure: 1500 psi
Pipeline Media: Gas, liquid, and multiphase pipelines

Detection Capabilities

- Dents and deformation
- Ovality and loss of roundness
- Buckles and wrinkles
- Bore restrictions
- Pipeline bend identification

Typical Applications

- Pre-ILI pipeline inspection
- Dent and deformation assessment
- Pipeline commissioning inspections
- Geometry verification before inline inspection runs
- Baseline integrity inspections

Operating Requirements

Minimum Differential Pressure – Launch: 25 psi
Minimum Differential Pressure – Run: 20 psi

Pipelines operating outside these parameters may be evaluated on a case-by-case basis.

Pipeline Geometry Requirements

Minimum Cross Section Diameter: 19.75 in
Minimum Tee Separation: 60 in center-to-center
Bend Configuration: Capable of back-to-back bends
Minimum Bend Radius: 1.5D

Industry Alignment

Enduro inspection tools support pipeline integrity programs aligned with:

API 1163
Pipeline Operators Forum (POF)

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