

# PHMSA NPRM Review

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- 8 Additional Rules
- 41 Additions and modifications to existing rules
- Largest modification to the rules since 1971 enactment

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- Integrity Management Requirements
- Revision of integrity management requirements and criteria for pipeline segments located in high consequence areas (HCAs)
- Adding specific performance-based requirements to the nature and application of risk models
- Improving requirements for collecting, validating, and integrating pipeline data

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- Strengthening requirements for applying knowledge gained through the integrity management program
- Strengthening requirements on the selection and use of direct assessment methods
- Enhancing requirements for internal and external corrosion management programs
- Enhancing requirements for change management
- Non-Integrity Management Requirements

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- Addition of new "moderate consequence area"
- Strengthened requirements for 2 corrosion control of steel pipelines
  - Such as external protective coating surveys after backfill, interference surveys, and internal corrosion monitoring and mitigation requirements
- Additional change management requirements
- Mandatory integrity assessments
- Establishing repair criteria for pipeline segments located in segments not located in HCAs

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- Requirements for verification of maximum allowable operating pressure (MAOP)
- Verification of pipeline material for certain onshore, steel, gas transmission pipelines with specific requirements based on the method of establishment for MAOP as well as the date of establishment for MAOP of the pipeline segment
- Modifies the regulation of onshore natural gas gathering lines, including but not limited to the following:
  - Repealing the exemption for natural gas gathering line reporting requirements
  - Repealing the use of American Petroleum Institute's Recommended Practice 80
  - Extending regulatory requirements to Type A lines in Class 1 locations for lines 8 inches or greater

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- Additional Topics
- Requiring inspections by onshore pipeline operators of areas affected by an extreme weather event such as a hurricane, flood, earthquake, natural disaster, or other similar event
- Allowing extension of the 7-year reassessment interval upon written notice
- Adding a requirement to report each exceedance of the MAOP greater than the margin (build-up) allowed for operation of pressure limiting or control devices

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- Adding requirements to ensure consideration of seismicity of the area in identifying and evaluating all potential threats
- Adding safety regulations for in-line inspection, 3 scraper, and sphere facilities
- Incorporating consensus standards into the regulations for assessing the physical condition of in-service pipelines using in-line inspection, internal corrosion direct assessment, and stress corrosion cracking direct assessment
- Source: EWN Energy Worldnet