

# API SPECIFICATION 5L, 46TH EDITION

We are pleased to announce the publication of the 46<sup>th</sup> edition of Specification 5L, *Line Pipe*. This new edition provides technical updates that have reached consensus within API's Subcommittee on Tubular Goods and will now give industry consistent practices in these respective areas of the standard. These updates are reflective of API's standards program mission to provide a forum for development of consensus-based industry standards, and technical cooperation to improve the industry's safety performance and competitiveness.

## Key Changes

- Updated and expanded requirements for mill jointers (differentiate between double-jointers and mill jointers; avoid welding consumables environmental contamination; require qualification standards; new process testing requirements; clarify offset and undercut requirements; standardize marking requirements; reference weld repair annex);
- Updated requirements for pipe end Squareness;
- Updated requirements for hardness testing on PSL 2 pipe for sour service and PSL 2 pipe for offshore service;
- New annex for strain-based design requirements (PSL 2 pipe for applications requiring longitudinal plastic strain capacity)

## Effective Date and Program Implications

The Monogram Program effective date will be November 1, 2018.

Current licensees shall ensure that products manufactured on and after November 1<sup>st</sup>, 2018 meet the requirements of API 5L 46<sup>th</sup> edition in order to be monogrammed.

Also, effective November 1<sup>st</sup>, 2018, API 5L audits will be conducted to the 46<sup>th</sup> edition of the document.

## To Purchase

Specification 5L is available on API's new Compass Platform. A Compass subscription gives you organization-wide, 24/7 access to all of the API standards and specifications you need to ensure safety, compliance and interoperability. With a subscription on Compass, you are ensured consistent and up-to-date access to the latest API standards. For additional information please use the e-mail [compass@api.org](mailto:compass@api.org).

- The subscription updates itself, so your subscription automatically reflects the latest edition
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## Additional Information and Questions

The companion video, highlighting key changes and the implications for API Monogram licensees, is now available. **Register now** to gain access to the video.

# Api Spec 5a5

**Jianjun Gao**



## Api Spec 5a5 :

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resources are being discovered every year across North America and one of those new resources comes from the development of deep shale formations typically located many thousands of feet below the surface of the Earth in tight low permeability formations Deep Shale Oil and Gas provides an introduction to shale gas resources as well as offer a basic understanding of the geomechanical properties of shale the need for hydraulic fracturing and an indication of shale gas processing The book also examines the issues regarding the nature of shale gas development the potential environmental impacts and the ability of the current regulatory structure to deal with these issues Deep Shale Oil and Gas delivers a useful reference that today s petroleum and natural gas engineer can use to make informed decisions about meeting and managing the challenges they may face in the development of these resources Clarifies all the basic information needed to quickly understand today s deeper shale oil and gas industry horizontal drilling fracture fluids chemicals needed and completions Addresses critical coverage on water treatment in shale and important and evolving technology Practical handbook with real world case shale plays discussed especially the up and coming deeper areas of shale development *API Specification* American Petroleum Institute. Production Dept,1992 **API Specification for Drill Pipe** American Petroleum Institute. Production Department,1988 **Environmental Aspects of Oil and Gas Production** J. O. Robertson,G. V. Chilingar,2017-06-15 Oil and gas still power the bulk of our world from automobiles and the power plants that supply electricity to our homes and businesses to jet fuel plastics and many other products that enrich our lives With the relatively recent development of hydraulic fracturing fracking multilateral directional and underbalanced drilling and enhanced oil recovery oil and gas production is more important and efficient than ever before Along with these advancements as with any new engineering process or technology come challenges many of them environmental More than just a text that outlines the environmental challenges of oil and gas production that have always been there such as gas migration and corrosion this groundbreaking new volume takes on the most up to date processes and technologies involved in this field Filled with dozens of case studies and examples the authors two of the most well known and respected petroleum engineers in the world have outlined all of the major environmental aspects of oil and gas production and how to navigate them achieving a more efficient effective and profitable operation This groundbreaking volume is a must have for any petroleum engineer working in the field and for students and faculty in petroleum engineering departments worldwide *Recommended Practice for Field Inspection of New Casing, Tubing, and Plain-end Drill Pipe* American Petroleum Institute. Production Department,1989 Fracking Michael D. Holloway,2018-06-01 Since the first edition of Fracking was published hydraulic fracturing has continued to be hotly debated Credited with bringing the US and other countries closer to energy independence and blamed for tainted drinking water and earthquakes hydraulic fracturing fracking continues to be one of the hottest topics and fiercely debated issues in the energy industry and in politics Covering all of the latest advances in fracking since the first edition was published this expanded and updated revision still contains all of the valuable original content for the engineer or layperson

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API Specification for Spiral-welded Line Pipe American Petroleum Institute. Production Department,1982    **Magnetic Particle Testing** J. Thomas Schmidt,Kermit Skeie,Paul McIntire,1989  
*Oil & Gas Journal* ,2001    **Materials Evaluation** ,1988    *Catalog of American National Standards* American National Standards Institute,1995    **QualTest-2 Conference Proceedings, October 25-27, 1983, Dallas, Texas** American Society for Nondestructive Testing,1983    *Petroleum Engineer International* ,1982    *The Oil and Gas Journal* ,1976  
Oil & Gas Science and Technology ,2002    **Annual Meeting Papers** American Petroleum Institute. Production Department,1947

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