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American
Petroleum
Institute

American Petroleum Industry Standards for Universities

Purchase API standards collection to diversify your curriculum and **launch your students into their career.**

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“As an educator, I feel it is important for us to infuse standards education into existing curricula early in the program. Students begin seeking internship opportunities as early as their sophomore year, many of which are in industry. Fundamental exposure to standards and how they impact the global community can help provide a framework for what students may do in internships, upper division labs, and capstone projects.”

Janet Gbur, Ph.D.
Case Western Reserve University
Cleveland, OH, USA

With the complete collection of API standards, you can teach your students about industry trends as they are unfolding. With attention to current standards development in your curriculum, students will learn to anticipate trends ahead of their peers, giving students an edge when they have transitioned into their career.

Staying ahead of their peers keeps your students competitive as they begin their career and years after. With the tools to understand standards development and its impact on technology, young professionals will have the skills to make important decisions for their employers.

Including Standards in Curriculum Benefits Professors, Universities, and Students

- Students gain increased awareness of standards and consensus standards development;
- Students are poised to become successful young professionals as they are now prepared to offer competitive knowledge and experience to their prospective employers;
- Professors transfer their knowledge and their research in tangible and meaningful ways, advancing industry technologies internationally;
- Contemporary expertise positively advances standards development.

The Future Is in School

Connecting universities, students, professors, and researchers in your industry with technical committees is key to advancing standards development.

You are the first step in the process to helping organizations benefit from the technical knowledge of standards development. Ask your Librarian to subscribe to American Petroleum Industry collection on ASTM Compass® today.

For more information contact George Zajdel
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WHAT'S INCLUDED

Exploration and Production

This section includes bulletins, technical reports, publications, recommended practices, specifications, standards related to:

- Onshore
- Offshore
- Hydraulic Fracturing
- Natural Gas
- Oil Sands
- Oil Shale

Petroleum Measurement

Petroleum Measurement provides leadership in developing and maintaining cost effective, state of the art, hydrocarbon measurement standards and programs based on sound technical principles consistent with current measurement technology, recognized business accounting and engineering practices, and industry consensus.

This section covers topics: calibration and measurement of upright cylindrical tanks, horizontal tanks, spheres/spheroids, tank care, and barge tanks; gauging methods for petroleum and petroleum products; provers; pulse interpolation; metering systems' temperature determination; test methods for water and sediment in petroleum products; compressibility factors; evaporation loss.

Marketing

This section includes the wholesale and retail distribution, including tanker truck transportation, of refined petroleum products such as gasoline and diesel fuel to business, industry, government and public consumers.

Transportation

This section includes security guidelines for the petroleum industry and data on petroleum industry occupational injuries as well as the following topics:

- Oil Tankers
- Pipelines
- Pipeline Performance
- Rail Transportation

Health and Environmental Issues

This section includes documents such as department records, bulletins, technical reports, publications, recommended practices, and security guidelines that address critical health and environment issues, including:

- Air
- Fire protection
- Natural resource damage assessment
- Pollution prevention
- Soil and groundwater
- Environmental stewardship
- Storage tanks
- Surface water
- Waste

Refining

This section includes publications, recommended practices, standards and technical reports relating to: inspection, pressure relieving systems, mechanical equipment, electrical installations, heat transfer equipment, materials engineering, motor control, piping components, pumps, valves, refinery waste. Get critical documents covering refinery use operations such as:

- Pressure Vessel Inspection Code
- Piping Inspection Code
- Process Analyzers
- Sizing, Selection, and Installation of Pressure-Relieving Devices in Refineries
- Guide for Pressure-Relieving and Depressing Systems
- Risk-Based Inspection
- Storage Tanks: Design, Construction, Inspection and Repair
- Welding Guidelines
- Plate Heat Exchangers
- Design and Construction of LPG Installations

Safety and Fire Protection

This section includes proactive safety and occupational health leadership and expertise that advances the industry's overall safety and occupational health performance by combining resources to identify and address important public, employee and company issues. These risk-based technical API standards and recommended practices are based on sound science to promote safe, healthful, efficient and environmentally sound practices, and to monitor and respond to governmental actions.

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