

SAE INTERNATIONAL

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SOURCE FOR ENGINEERS
WORLDWIDE



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“Both our students and faculty find value in the Digital Library. It offers such a unique set of content that users can always find what they’re looking for. It’s an essential resource for us and I whole-heartedly recommend it.”

— Jan Comfort,
Engineering Reference Librarian,
Clemson University

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SAE DIGITAL LIBRARY - STANDARDS

Why SAE Standards?

The aerospace, automotive and commercial vehicle industries depend on SAE's globally accepted standards to test, design and build the mobility products of today, and to advance the technologies and regulations of tomorrow. The direct benefits of standards are simple in concept but extraordinary in their global impact toward ever-safer, cleaner, more efficient worldwide transportation.

SAE Ground Vehicle Standards

(SAE J Reports).....2,000+

SAE ground vehicle standards such as J1772 and J1939 are internationally recognized for the critical role they play in design, testing and procurement activities for automotive manufacturers and suppliers around the world.

SAE Aerospace Material Specifications (AMS) 2,700+

SAE Aerospace Material Specifications cover materials, material tolerances and quality control procedures and processes related to engineered metals and alloys, special property and reactive materials and chemical compositions, together with highly detailed technical requirements.

SAE Aerospace Standards (AS)..... 4,900+

SAE Aerospace Standards, including Aerospace Recommended Practices (ARP) and Aerospace Information Reports (AIR), are designed to ensure the safety, quality and effectiveness of products and services throughout the global aerospace engineering industry.

- AS documents are design and/or part standards applicable to missile, airframe, ground-support equipment, propulsion, propeller, accessory equipment and the airline industry.
- ARP documents give dimensional design and/or performance recommendations intended as guides for standard engineering.
- AIR documents contain generally accepted engineering data and information.

Technical standards enable and enhance:

- Consistent and clear expectations for product performance and reliability
- Regulatory compliance
- Consistent product quality
- Compatibility and interoperability
- More efficient procurement

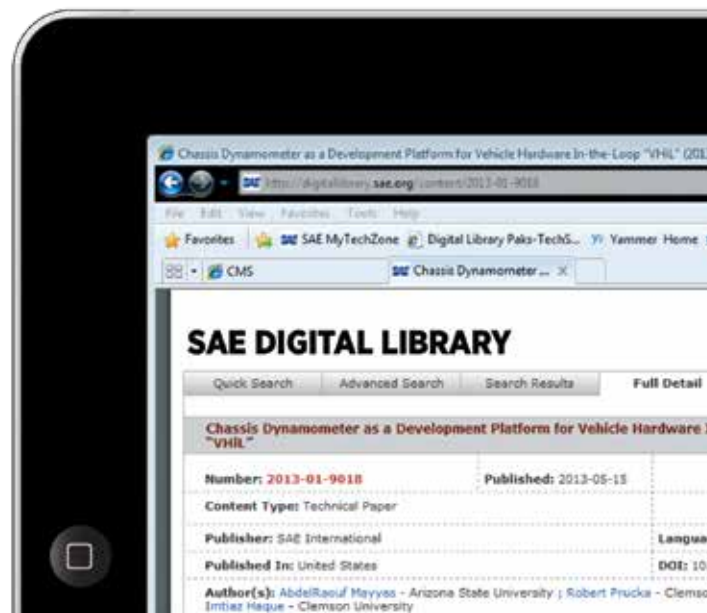
Standardization also:

- Lowers trade barriers
- Lowers purchasing costs
- Decreases design time
- Promotes innovation
- Increases new technology speed to market

SAE Historical Standards

SAE Historical Standards provide important information and knowledge to mobility engineering professionals. The ability to see the evolution of a standard provides valuable insight into the development and design of specific parts, components, systems or vehicles. This not only gives engineers a historical perspective on a given standard, but allows them to track general technology trends and patterns over time. Historical, full-text collections are available for SAE J Reports, AMS and AS.

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SAE DIGITAL LIBRARY – TECHNICAL PAPERS

Why SAE Technical Papers?

SAE technical papers have been delivering engineering advances and innovation from mobility experts around the world for more than 100 years.

SAE's technical papers are peer-reviewed by at least three industry experts. They:

- Present technically new, innovative or constructive review of existing information
- Contain quality data and valid analytical techniques
- Provide sound conclusions
- Present clear and logical research findings
- Maintain a balanced paper free from personal bias or commercialism

SAE Technical Papers..... 92,000+

SAE technical papers are written and peer-reviewed by experts in the mobility industry and include test results, comparative studies, methodologies, case studies, best practices and more.

Technical Papers 1998-Present..... 35,000+

ADDITIONAL BACK FILE OPTIONS:

Technical Papers 1998-Present

Back File A 1997-1990

Back File B 1989-1980

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Additional Industry Content

SAE eMagazines..... 9,000+

SAE Magazines offer the highest-quality content on today's technical topics, as well as a century of reference material for aerospace, automotive and commercial-vehicle industries. Publications include broad and sector coverage through SAE's legacy titles, as well as highly targeted content found in new technology-focused digital magazines.

SAE eBooks..... 130+

SAE eBooks are electronic versions of high-quality, technical print books written by distinguished experts in the automotive, aerospace and commercial-vehicle industries. More than 130 eBook titles are available in the SAE Digital Library and can be downloaded, stored and viewed in file formats compatible with desktop computers, laptops or the Amazon Kindle.

Partner Content

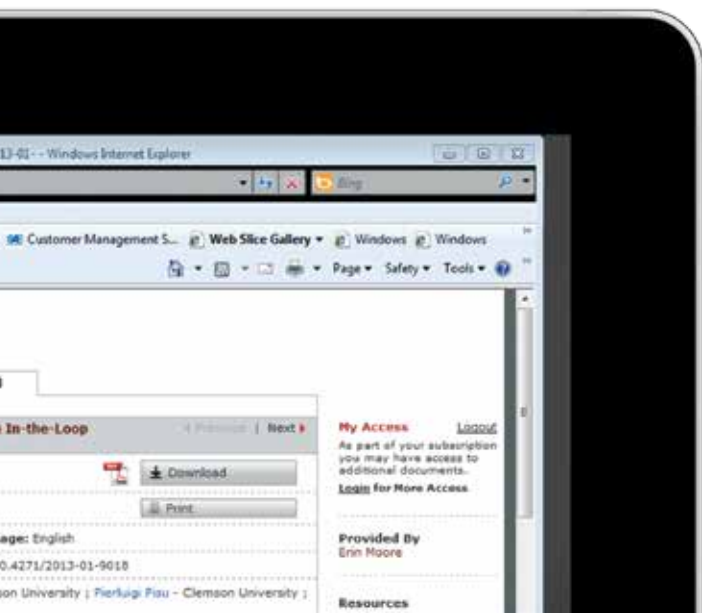
- Honda R&D Technical Review
- AVL/ International Commercial Powertrain Conference Proceedings

Additional Bibliographic Content Available

- 100+ Regulations
- 700+ Reports
- 130,000+ Technical Papers (SAE & non-SAE publishers)

“The Digital Library is a core resource for our engineers, providing our users, globally, with the content they need on a platform that enables them to easily view and download documents.”

— James Blank, Technical Knowledge Specialist, Caterpillar



HELPING ENGINEERS WORLDWIDE STAY AHEAD OF THEIR COMPETITION.

Subscribing to SAE's Digital Library gives academics, executives and engineers the ability to easily explore, target and share more than 200,000 critical, current and historical mobility engineering resources instantly.

Other benefits include:

- Streamline and target your search with a simple, efficient interface
- One click cross-referencing
- Host of sharing and collaboration tools
- 24/7 full-text access
- Cost-effective plans to meet your usage requirements
- Continuously updated with new content

Designed for Engineers by Engineers

Designed using direct feedback from customers in academia and industry, the SAE Digital Library offers features and functionality that help both groups find and manage important industry information.

Benefits

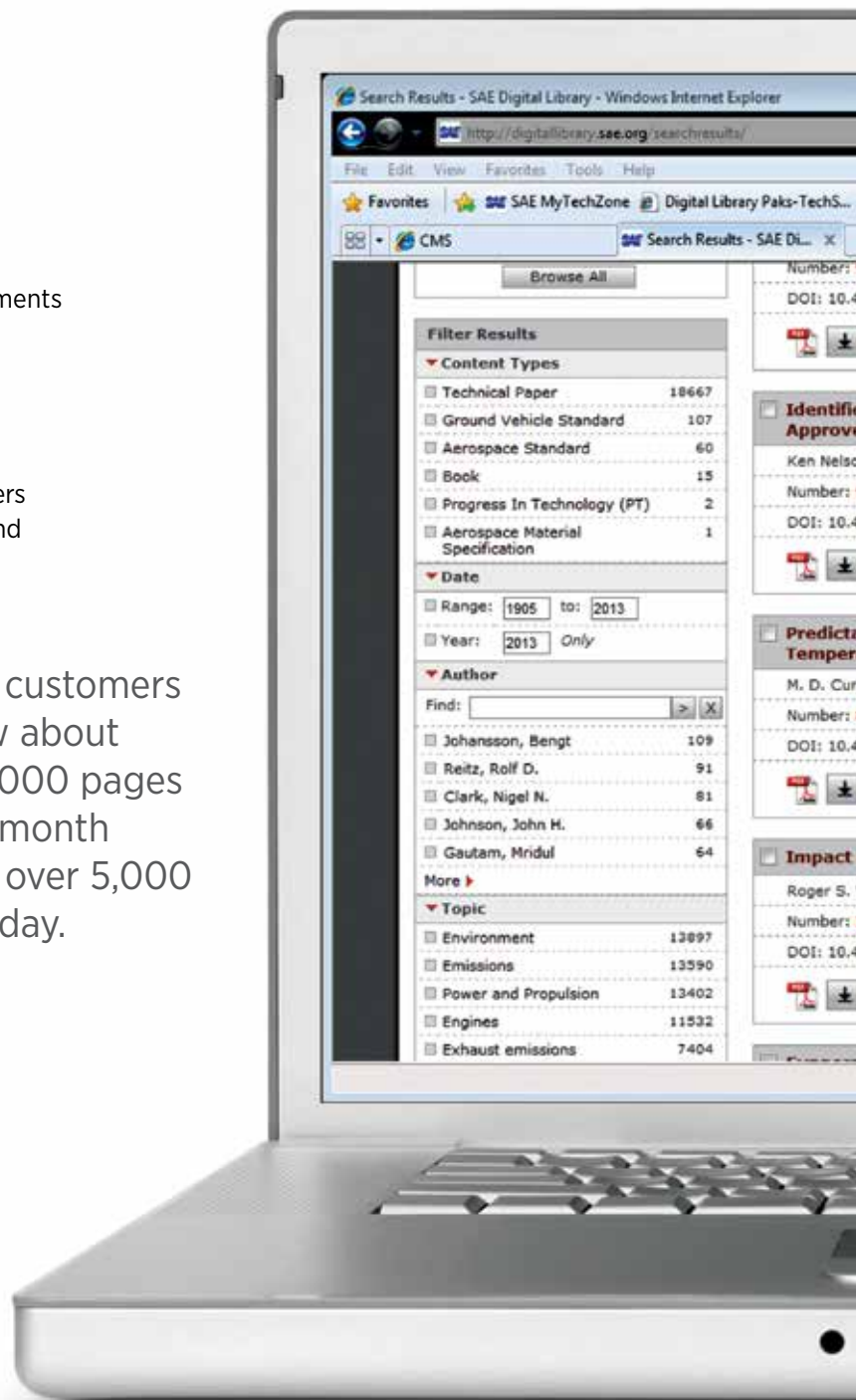
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