



THE ASTM ADVANTAGE

TOOLS AND RESOURCES TO MAXIMIZE
YOUR COMPETITIVE ADVANTAGE

ASTM COMPASS®

STANDARDS DEVELOPMENT & MEMBERSHIP

TRAINING & CREDENTIALING

LABORATORY SERVICES

ASTM SPECBUILDER

CERTIFICATION & VERIFICATION

INTEGRATED TECHNOLOGY SERVICES

ASTM XCELLERATE

www.astm.org

ASTM INTERNATIONAL

Helping our world work better for 125 years

Committed to serving global societal needs, ASTM International positively impacts public health and safety, consumer confidence, and overall quality of life. We integrate consensus standards – developed with our international membership of volunteer technical experts – and innovative services to improve lives...Helping our world work better.

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EIGHT WAYS ASTM BOOSTS YOUR BUSINESS AND YOUR BOTTOM LINE



DIGITAL ACCESS WITH ASTM COMPASS®

Guarantee you're always using the most-up-to-date standards and latest research. Provide your staff with powerful workflow tools to help them manage and react to industry changes.



TRAINING & CREDENTIALING

Don't just comply with standards, ensure your staff understands and adheres to them through instruction from the experts who developed the standards.

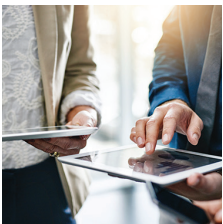
STANDARDS DEVELOPMENT & MEMBERSHIP

Help develop best-in-class standards that are used worldwide. Network with your peers, competitors, and customers.



LABORATORY SERVICES

Improve efficiency, reduce risk, and stay competitive with a comprehensive suite of products for all your QA/QC needs.



COLLABORATE WITH ASTM SPECBUILDER

Create and maintain internal specifications, codes, and regulations with ease using this advanced online collaboration tool.



INTEGRATED TECHNOLOGY SERVICES

From content portals to expert media productions, we have the top-level solutions to expand your digital reach and help your business grow.

CERTIFICATION & VERIFICATION

Meet regulations and demonstrate that your products and facilities perform to the highest industry safety standards.



ASTM XCELLERATE

Centers of Excellence and high-level Advisory Services to help bridge the gap between R&D and sustained commercial success for the world's top emerging technologies.



DIGITAL ACCESS WITH ASTM COMPASS®

Stop struggling to keep up with rapidly changing standards, revolving staff members, training inefficiencies, and a loss of institutional knowledge across your enterprise. It's time for ASTM Compass® – the single, centralized standards solution that provides fast, accurate, comprehensive access to the standards and technology that will put you at the head of your industry.

THE ENTERPRISE-LEVEL ANSWER TO STANDARDS MANAGEMENT

ASTM Compass® enables you to manage and maintain standards with more speed and efficiency than ever before. Your staff will have 24/7 access to the most up-to-date and comprehensive technical information they need to effectively do their jobs.

ONE PLATFORM. ALL OF YOUR CONTENT.

ASTM Compass® is a single platform providing anytime, anywhere access to all the standards content your staff needs. Tailor your organization's content to include any or all of the following:

Standards

12,900+ active standards; 104,000+ redlined; historical and withdrawn standards; translated standards

Digital Library

1,800+ books; 20,000+ journal articles; 52,000+ papers, chapters, and articles

Videos

300+ videos in standards to help you learn proper execution of test methods

Training from the Experts

Online and onDemand courses with demonstration videos, checklists, self-testing and a comprehensive Learning Management System

Workflow Tools

Share, bookmark, create Compass Points, and compare versions with color-coded highlighting

Compass Points

This premium tool enables users to pinpoint important components in standards, building a trail back to the source. Compass Points act as custom bookmarks and stay forever connected to their standards.

ASTM SpecBuilder

Develop internal specifications; draft documents and upload files; create task groups and online discussions; track discussions and vote; reference and hyperlink other standards

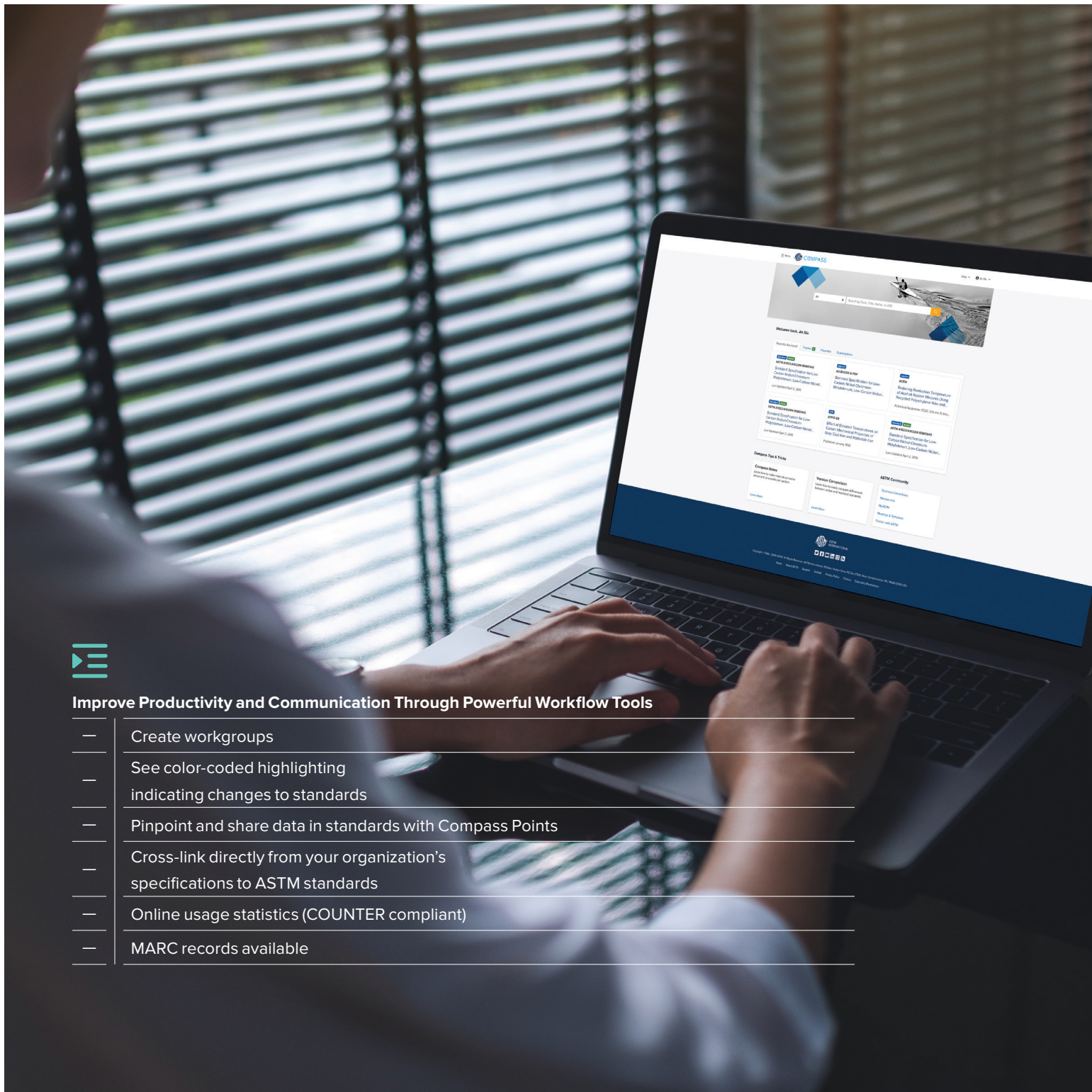
Additional Related Content

One-stop shopping for the standards and related documents you need with content from AASHTO, AATCC, ACI, API, AWWA, CGA, IES, ISO, UNE, and UOP

Robust Search Tools

A robust taxonomy helps you uncover hard-to-find information, and content can be instantly downloaded into 14+ languages, including:

- Arabic
- Canadian French
- Chinese
- English
- French
- German
- Japanese
- Portuguese
- Russian
- Spanish
- Turkish



Improve Productivity and Communication Through Powerful Workflow Tools

- Create workgroups
- See color-coded highlighting indicating changes to standards
- Pinpoint and share data in standards with Compass Points
- Cross-link directly from your organization's specifications to ASTM standards
- Online usage statistics (COUNTER compliant)
- MARC records available

STANDARDS DEVELOPMENT & MEMBERSHIP

STANDARDS DEVELOPMENT

As one of the world's largest international standards developing organizations, we provide the opportunity for businesses, governments, and individuals to collaborate openly and transparently. More than 35,000 stakeholders from 150+ countries come to ASTM to develop voluntary consensus standards.

ASTM standards are used and accepted worldwide and cover areas such as metals, paints, plastics, petroleum, construction, the environment, consumer products, aerospace and aviation, sports equipment, and much more. And industries looking to advance the growth of cutting-edge technologies like nanotechnology, additive manufacturing, exotechnology, and industrial biotechnology also come to us for their standards needs.

More than 140 technical committees use ASTM's innovative tools and technology to help bring standards to market, sometimes in as little as six months. We welcome anyone with an interest in a standard's development and use to join us.

MEMBERSHIP

Networking and leadership opportunities are the top reasons ASTM members participate for as long as they do. Through their work on the development of world-class standards, ASTM members further their professional growth by assuming leadership roles and connecting with the world's top technical experts and business professionals.

GLOBAL MOU PROGRAM

Global access to standards development is a key part of our Memorandum of Understanding program. And if your country's national or regional standards body is one of our 120+ ASTM MOU partners, you may participate at no charge as a voting ASTM member. MOU partners get free access to ASTM's committees, standards, training, learning exchange programs, and more. View full list of MOUs at go.astm.org/mou.

Many of our standards are available in several different languages. And with special regional sections of our website, members and customers can find information in their native language about how to use our products and services. Chinese, Spanish, and Portuguese microsites are currently available, with more in development.

Four Types of Membership:

1. Participating Members
2. Organizational Members
3. Informational Members
4. Student Members

“I think it's had a positive impact on my professional career. I look at the things that I've done, the people I've met, the things that I've been able to be on the front edge of rather than trying to play catch-up, and I think ASTM has helped greatly with that.”

Dale F. Bohn
Director, Quality, Flint Hills Resources LP

“On a personal basis, I think you could sum it up with one word, and that’s ‘networking.’ At any given time at the twice-annual ASTM meetings, I’ll have 40 or 50 customers present. Literally, I can see 20 customers in four days, and I can’t do that anywhere else.”

Tom Marsh

President, Centrotech Minerals & Metals Inc.



TRAINING & CREDENTIALING

Accessing standards is just the beginning of a strong standardization strategy. Getting your staff to understand and use them properly is how you improve productivity and set your company apart.

You'll quickly and continuously improve your staff's consistency, confidence, and credibility with focused, practical training from the experts – and not just any experts, but the experts who wrote the standards.

FLEXIBLE TRAINING OPTIONS FOR EVERY BUSINESS

You choose the training method that best fits your business needs, whether that's on site, virtual or a combination of the two.

E-LEARNING

Your staff can learn at their own pace with our industry-leading, self-guided training modules. Accessing our eLearning courses is easy with ASTM Compass®, letting you train at your own pace and on your own schedule. View videos demonstrating our test methods, take quizzes, download certificates of completion, and more.

WEBINARS

One-hour interactive webinars can help keep your staff's skills sharp while earning professional development and continuing education credits.

ON-SITE TRAINING

Bringing our experts on-site can build team unity, eliminate communication gaps, and save your company time and money. All ASTM courses can be brought to your location and tailored specifically to your needs.

OPEN ENROLLMENT

Live training programs are held throughout the year in various locations across the world. Training next to your peers and other industry leaders is invaluable and often adds to the value of your learning experience.

Whether you train at our site or yours, you'll benefit from:

- First-hand industry insight from our experts
- Interacting and networking with peers
- Hands-on experience with equipment
- Demonstrations of how to use the standards most important to your industry

CREDENTIALING

Fully online programs allow your staff to showcase their ability in performing, calculating, and reporting the results of key laboratory and field procedures.

Certification provides the credentials your staff needs to advance and demonstrates your company's commitment to quality. Certification programs include:

- Construction Materials Testing (CMT)
- Petroleum Laboratory Professionals

“These courses are promoted by my company as a way to continue education. I always learn something new from them and they definitely add to personal enrichment.”

Attendee, ASTM Crude Oil Training Course

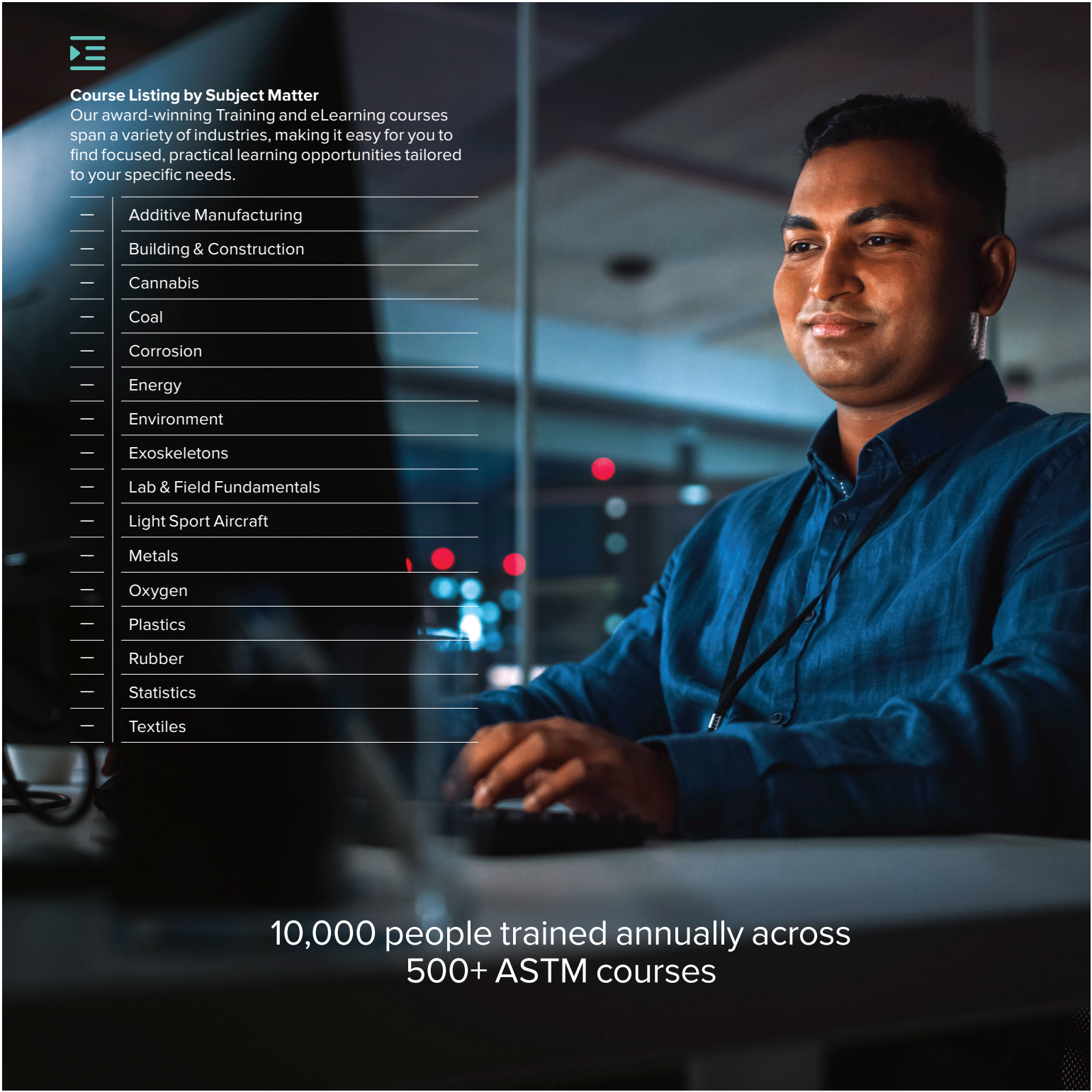


Course Listing by Subject Matter

Our award-winning Training and eLearning courses span a variety of industries, making it easy for you to find focused, practical learning opportunities tailored to your specific needs.

- Additive Manufacturing
- Building & Construction
- Cannabis
- Coal
- Corrosion
- Energy
- Environment
- Exoskeletons
- Lab & Field Fundamentals
- Light Sport Aircraft
- Metals
- Oxygen
- Plastics
- Rubber
- Statistics
- Textiles

10,000 people trained annually across
500+ ASTM courses



LABORATORY SERVICES

For some laboratories, knowing how to use the top industry standards at a high level is enough to achieve success. But in a competitive marketplace, others know the importance of a comprehensive quality program that can improve your lab in every area.

Our full suite of Laboratory Services will help you cut costs, optimize your capabilities, and stay competitive.

PROVE YOUR LAB'S THE BEST WITH THE BEST

For more than 30 years, the ASTM Proficiency Testing Program (PTP) has helped thousands of laboratories evaluate, improve, and document their proficiency – providing clients and accreditation bodies alike with concrete evidence of performance.

Thousands of labs worldwide use ASTM PTP to help monitor their strengths and weaknesses across all locations and to anonymously compare performance with direct competitors.

Easily submit data, download detailed reports, and manage multiple lab locations using our custom PTP Application.

Choose from our growing list of 60+ ISO 17043-Accredited programs, including:

- Additive Manufacturing Technologies
- Aromatic, Industrial, Specialty and Related Chemicals
- Cannabis/Hemp
- Cement and Concrete (Cement and Concrete Reference Laboratory (CCRL))
- Dried Distillers Grain with Solubles
- Electrical Insulating Liquids and Gases
- Engine Coolants and Related Fluids
- Petroleum Products, Liquid Fuels, and Lubricants
- Plastics
- Mechanical Testing

- Metals
- Textiles
- Transportable Moisture Limit of Coal

INCREASE EFFICIENCY AND ELEVATE EXECUTION

Training, SOPs, and TMA Checklists

Beyond standards and proficiency testing are supporting tools to help elevate your staff's performance to an even higher level. Developed by SMEs and equipment manufacturers, these important supplements to your lab's programs can help bring a consistency needed to ensure sustained success.

Training

Live and onDemand training courses will help increase understanding of the ASTM test methods your lab relies on.

Standard Operating Procedures (SOPs)

Enhance training and increase accuracy with SOPs featuring critical information your test methods may be missing, like detailed instructions on how to operate equipment. Plus every ASTM SOP features a unique troubleshooting guide – a necessary tool for any analyst looking to improve their skills.

Test Method Assessment Checklists (TMAs)

Lower risk with step-by-step Test Method Assessment Checklists. Use them to validate equipment, verify method adherence, and evaluate analyst competency, helping you identify and resolve issues quickly.

60+ Proficiency Testing Programs

5,000+ labs from 95 countries

Reduce Risk with Reference Materials

ASTM Reference Materials provide a cost-effective solution without sacrificing analytical accuracy – a must for any lab and equipment manufacturer or distributor.

Improve processes and add credibility to your results. Validate the performance of your instruments after installation or service. Minimize risk and capture the accurate and precise data you need to succeed.

Manage Data with ASTM Insight SQC

ASTM Insight SQC provides the tools every lab needs for comprehensive quality control analytics, control charting, and audit preparation. Maximize your ability to identify trends and spot issues as soon as they arise, helping your lab run more efficiently.

Designed in conformance with ASTM D6299, this custom statistical quality control platform supports EPA Tier 3 and 40 CFR 1090 compliance and covers an array of instruments and multiple test parameters. Our secure interface will integrate seamlessly with your current testing programs and business practices.



ASTM SPECBUILDER

Streamline development of your internal specifications, test methods, and procedures using this online collaboration tool.

Managing internal specifications, codes, and regulations is necessary to fulfill requirements and help your company stay competitive. But developing and tracking these technical documents is often a time-consuming and tedious task.

ASTM SpecBuilder, our unique and user-friendly online collaboration tool, is built to save you precious time and resources. Based on our successful standards development platform, which allows users from all over the world to comment and vote on draft documents, SpecBuilder is a tool for collaboration groups of any size.

INTERACTIVE DOCUMENT DEVELOPMENT

A high level of openness and transparency can help give your organization the utmost confidence in your internal documents. SpecBuilder keeps a running thread of discussions, meaning no missed votes or comments. Easily make changes and comments that can be viewed by the entire team. And stay informed of a ballot's progress through time-stamped functionality and push notifications.

MANAGE BUSY WORKLOADS

Organizations can have multiple administrators, ensuring confidential group information remains private and helping to manage workloads. Automated email reminders for groups promote higher return levels, taking the burden off administrators.

24/7 GROUP ACCESS WITH AUTOMATED VOTING

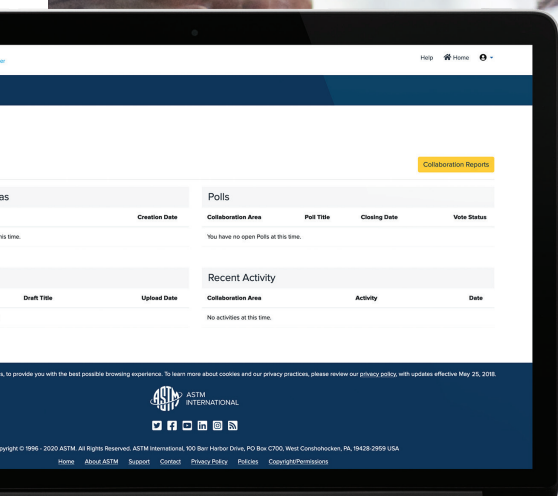
You'll be able to create groups, upload ballots, leave feedback, and vote, all from your computer or tablet. 24/7 access means ongoing collaboration with no delays. Easily move between projects and see your groups, drafts, and ballots all in one place.

DETAILED NOTIFICATIONS AND TRACKING

Detailed reports by collaboration group, by user, and by ballot allow administrators to consistently check on returns, view all comments, and compare results. Archived data is always available for quick future reference.

LINK, SHARE, AND ARCHIVE DOCUMENTS

Develop any kind of document through our easy-access online repository. No more tracking paper ballots or trying to send large files via email. Maintain multiple drafts at the same time. Review a document's history with one click. Reference and hyperlink ASTM standards to improve discussions and achieve consensus faster than ever before.



- Create collaboration and discussion groups
- Upload draft documents with no size limitations
- Give feedback, vote on new documents and revisions
- Maintain version control with a running thread of discussions
- Multiple admins to manage high workloads
- Track returns and review comments in real time
- Automated email reminders for new discussions and deadlines
- Reference and hyperlink ASTM standards
- Keep archived comments on file for quick future reference

CERTIFICATION & VERIFICATION

Increase consumer confidence in your products and address regulatory pressure with our third-party certification and verification programs.

Showcase your ability to consistently produce first-class products while maintaining quality in processes, personnel, materials, and facilities. Participating in an accredited certification program improves your reputation and shows your commitment to safety – a top priority for manufacturers, purchasers, and end-users.

SAFETY EQUIPMENT INSTITUTE

The Safety Equipment Institute (SEI), an affiliate of ASTM International, works with testing labs and quality auditors to certify products made by manufacturers worldwide. We certify thousands of safety and protective products that are used both occupationally and recreationally.

All product model testing is conducted in accordance with globally-recognized product standards from organizations like ASTM International, ANSI, the Canadian Standards Association (CSA), the National Fire Protection Association (NFPA), the U.S. National Institute of Justice (NIJ), the National Operating Committee on Standards and Athletic Equipment (NOCSAE), and other standards bodies.

Our certification and verification labels tell users that your products have been manufactured to meet the level of quality and performance of the world's most current comprehensive safety standards.

QUALITY CONTROL

We only use labs that maintain accreditation, understand our strict procedures, and work well with manufacturers. And our experienced team of in-house manufacturing, testing, and certification experts review and verify all product testing and quality assurance reports.

SEI Certification and Verification Programs include:

- Additive manufacturing quality
- Athletic equipment: shin guards, gloves, lacrosse balls, commotio cordis protectors, baseballs
- Bomb suits
- Cannabis/hemp
- Fall-protection equipment
- Fire service, SCBA, and thermal imaging cameras
- HAZMAT and EMS protective clothing
- Helmets (industrial, sports, fire, police)
- Homeland security/law enforcement
- Protective footwear
- Safety eyewear, face protectors, emergency eyewash equipment
- Thermal insulation



75+ Programs
1,700+ Certified Products



INTEGRATED TECHNOLOGY SERVICES

A TECHNICAL INFRASTRUCTURE YOU CAN TRUST

You know your members and customers want full access to critical content like standards, codes, and regulations on a trusted platform, but getting your documents into the right hands securely and easily can be a challenge.

Now your company can offer the same dynamic document delivery processes already used by thousands of ASTM members and customers. Streamline your systems, save time and resources, and generate new revenue using the same platforms created, tested, and proven through our years of working with organizations just like yours.

EXPAND YOUR AUDIENCE WITH IMMEDIATE RESULTS

Add your standards, codes, and other technical documents to our license-based ASTM Compass® site. Our 100,000+ Compass customers, including academic and government users, can subscribe to and access your documents without ever leaving the platform.

Keep up with your competitors and immediately expand access to your content to a global customer base.

YOUR CONTENT. OUR PLATFORM.

Provide direct access to your documents with your own content portal powered by ASTM Compass®. Our team will work closely with your organization to develop a user-friendly interface based on the distinctive ASTM Compass® design and its robust functionality.

You choose the content and we'll build a site to fit your needs, designing an interface that makes sense for your organization. Choose only the documents you wish to include, maintain your brand identity, and enjoy all the built-in benefits of our well-established portal.

As an added bonus, your users will benefit from the workflow tools that make Compass so unique, with the ability to manage, change, and share content using custom-developed technology for version comparison and hyperlinking.

MULTIMEDIA SERVICES

Elevate your digital presence, lower your risk, and streamline internal training processes with expert media production services.

Stay current and keep pace with your competitors with the kind of modern content your employees and customers expect. Work with an established team that has created all types of exemplary media content for organizations just like yours.

With years of experience in creating hundreds of videos of our own standard test methods in action, we know the importance of clarity and accuracy in technical industries.

Custom multimedia services include:

- unique instructional and procedural videos
- formal and informal interview segments
- product announcements
- advertisements and special promotions
- 3D animations and virtual interactive training media
- media consulting

Don't let someone else control your content. Start delivering the optimal service your stakeholders and customers want and need.



ASTM XCELLERATE

Across the world's emerging technologies we believe standards offer an invaluable platform for better and deeper global collaboration. So we created ASTM Xcellerate to strengthen these technologies from research to standards.

ASTM Xcellerate covers areas like additive manufacturing, exo technologies, emerging airspace, robotics, and more. Working together, we can achieve our goal to embed standards from the start of the R&D process – accelerating commercialization, reducing costs, and building trust.

CENTERS OF EXCELLENCE

Our Centers of Excellence conduct strategic R&D that enables different emerging technologies to make better use of standards to drive up quality and accelerate commercial success.

At present, there are two operational ASTM Centers – **additive manufacturing and exo technologies** – with a number of others at various stages of development.

The ASTM Centers of Excellence partner with industry, research hubs, regulators, academics, and governments from around the world to provide three core elements:

- coordinated R&D to support faster standards development
- programs and services to support workforce development and training
- strategic guidance and funding – geared toward the needs of each technology

With ASTM Xcellerate, we're building on a world-leading standards development process, recognized by the OECD to provide the speed and agility new technologies need.

ADVISORY SERVICES

Bridging the gap between R&D and sustained commercial success by harnessing standards to optimum effect can be complex and challenging. Our Advisory Services can help you make rapid and effective progress, and include:

- technical and strategic consulting on new developments and trends
- roadmapping (aligning technology and standards roadmaps)
- product development workshops and liaison

WORK WITH US

Collaboration is core to everything we do at ASTM Xcellerate, with a clear focus on building partnerships around the world.

The Xcellerate team brings together professionals with deep expertise in standards development with R&D specialists from a wide range of emerging technologies.

From corporate R&D teams to academic departments, government innovation centers to trade bodies and standards specialists, we invite collaboration and participation in the work we are doing.



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