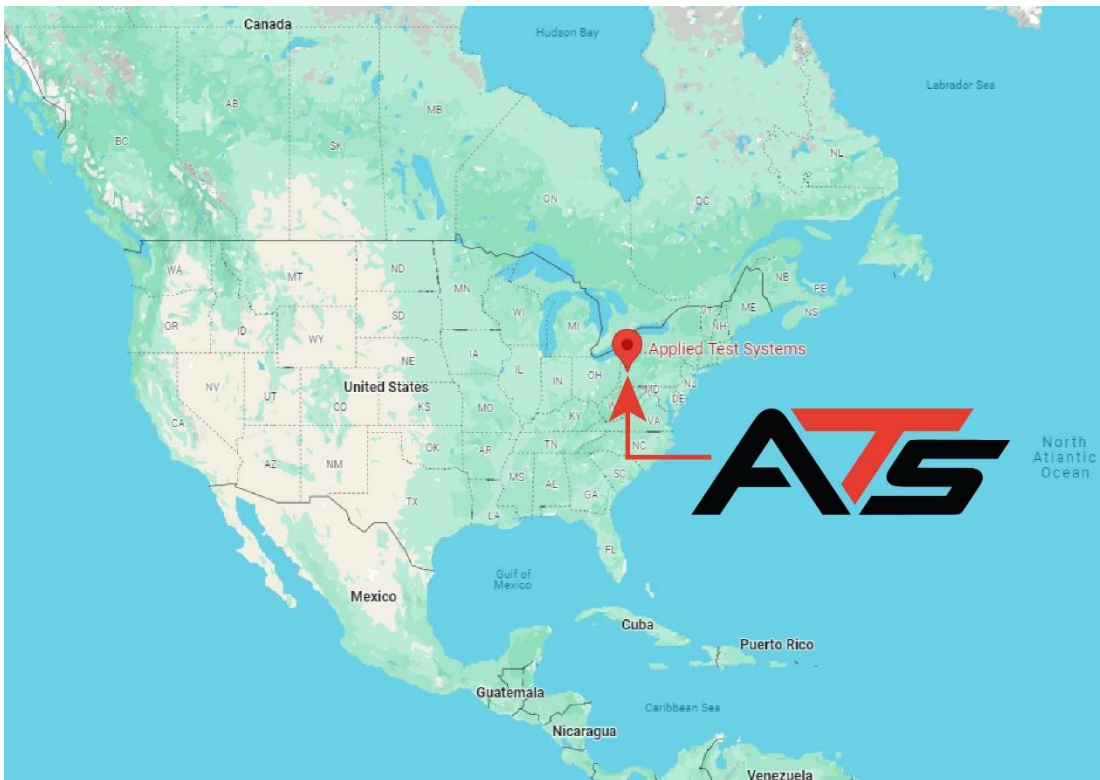


2024 ATS Spring Newsletter!

With the temperature heating up, our furnaces and ovens are heating up as well! Take a look at our highlighted HMOR and Furnace Carousel. Our HMOR uses a 3350 High-Temperature Box Furnace to heat and test a single or multiple specimen setup, while our Furnace Carousel embodies a set number of 3210 Furnaces used mainly to test specimens in the aerospace field.



Applied Test Systems is located in Butler, Pennsylvania, USA. Just less than 1 hour from Pittsburgh, Pennsylvania. We welcome visitors to tour and train at our facility.

Hot Modulus of Rupture (HMOR)

The HMOR tester is designed to perform 3-point bend tests, per the ASTM C583. This test method covers determination of the high temperature modulus of rupture of refractory brick or monolithic refractories in an oxidizing atmosphere and under action of a force or stress that is increased at a constant rate. The HMOR incorporates our Series 3350 High-Temperature Furnace, either our 900 or 1600 UTM models, and a user-friendly HMI.



Hot Modulus of Rupture & Control Station



Views inside our 3350 Furnace



Close up of the Testing Specimen

Views inside a 3350 Box Furnace, with associated fixture.

Please review the HMOR Product Data Sheet:

HMOR (Hot Modulus of Rupture)

Visit ***www.atspa.com*** to learn
more about the products and
accessories **ATS** has to offer!



To view the video in its entirety, please access the following link:

World's Greatest – HGI LAB, LLC.



In late 2023, we had World's Greatest film crew in Butler, PA to focus on our HGI LAB products! This was a great opportunity to promote the HGI LAB offering and show the world our capabilities. This brief commercialized video, showcases the Pressure Testing options and customization that HGI LAB can produce. To view the Product Data Sheet for this product line, please take a look at the link below!

Dynamic Burst Test System

6-Furnace Carousel:



A recently completed Hot Tensile Furnace System, for an aerospace material manufacturer. Furnaces are installed onto a rotating base, which allows laboratories to hot tensile test multiple specimens in quick session. Our Hot Tensile systems are adapted to fit any customers or ATS tensile test frame.



John Drane - Sales Engineer

John Drane is the latest member to join our well established Inside Sales Department! John has been with ATS since the beginning of 2024. John's knowledge working in sales made his transition to our team seamless. Industrial Sales is a familiar setting for John. Having over 25 years of experience in the field, as well as another 10 years in the Steel manufacturing industry. Outside of work, John enjoys hunting and fishing. He is a coach of the local Knoch Youth Wrestling Team, as well as enjoys working on his Jeep Wrangler TJ and 1969 Plymouth Barracuda. John is and will be an instrumental part to ATS's success!

Road Technical Days 2024 – Nantes, France

- We were co-located with Enerfast and our Sales Representative, Jean Michel-Grippon! This event allowed companies to have booth displays as well as numerous technical conferences. Having an event centered on the Asphalt / Bitumen sector, creates opportunities to expand our knowledge on each and every aspect in the industry.



*Pictured Here: **Jean Michel-Grippon***

Venue: ***Cité des Congrès of Nantes***



German Asphalt Days 2024 – Berchtesgaden, Germany



Applied Test Systems also had the opportunity to exhibit at the German Asphalt Days show earlier this year! In February, our German Representative, Alex Reader, attended this event on behalf of ATS. Attending Asphalt / Bitumen shows outside of the United States, allows us to gain a better understanding of how different parts of the world view testing procedures and the specifications they follow.



Venue: **Alpencongress Berchtesgaden
Conference Center**