

ASAMS

First choice for quality, personal
service, speed and accuracy



WE LISTEN
WE BUILD LONG
TERM RELATIONSHIPS
WE PROVIDE REASSURINGLY
BRILLIANT SOLUTIONS

BUILD A PARTNERSHIP WITH
PEOPLE YOU CAN TRUST





“

Trust is the glue of life. It's the most essential ingredient in effective communication. It's the foundational principle that holds all relationships.

Stephen Covey





We build long term relationships

Our expertise has been gained over 30 years of giving clients piece of mind when it comes to metals testing.

We offer a completely customer focused approach to testing and failure analysis.

Service to our customers lies at the heart of everything that we do; from **understanding your needs** and **timescales** to ensuring that you **get the results that you need** when you need them, **right first time**.

We specialise in providing tailored support for your needs.

This means that you can trust us.

How can we help you ensure that your raw materials or finished metal products pass compliance standards before you ship your product?

How can we help you avoid unnecessary costs and the reputational damage associated with providing non-compliant products or products not fit for purpose?

How can we help you ensure you are creating products or structures that enhance peoples' lives and keep them safe?

You may need us to support your product design or help you to provide solutions to problems when things have gone wrong.

You may need help to understand the materials of a structure or to validate that the structure is made from the metal you think it is.

In any of these situations we are here to engage in a collaborative partnership.

Let's talk.

Contact ASAMS today on +44 (0) 1493 653535 to find out more.

You bring us the problem.

We use our expertise, great facilities
and work with you to find a solution.

ASAMS concept is simplistic. We provide a “**one stop shop**” to make it easy for you to get the benefits of a wide range of testing services from a company **you can trust**.

Whether you are involved with a major new structural engineering project or are concerned about the integrity of a ramp designed to provide ease of access for a wheel chair user, we can support you.

You bring us the problem and we will identify what type of mechanical, corrosion, chemical or metallographic testing is required to bring you a speedy and accurate resolution. We also have a range of reinforcing steel weld testing services designed to provide **fast, accurate results for reinforcing steel fabricators**.

You can enjoy the flexibility of **Remote Witnessing Testing**.

This means that we can conduct critical testing for you in collaboration with your colleagues anywhere in the world, at a time to suit you.

All services are delivered in line with our values which are:

- Focus on **excellence**, quality and teamwork in all that we do
- We strive for **accuracy, accountability** and **confidentiality**
- Passionate about **delivering professional customer service**
- A friendly, transparent, honest approach that **builds trust and long term relationships**

Let's design the future together.

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to find out more.





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Anyone who doesn't take truth seriously in small matters cannot be trusted in large ones either.

Albert Einstein



Creating a strong, sustainable future

You probably care about sustainability. So do we.

For more than 30 years ASAMS has developed its **reputation for accuracy, reliability and professionalism** with friendly service. One of the next goals is to develop our **focus on sustainability**. This means addressing the impact that ASAMS has on the environment and society.

As one of the UK's **leading metallurgical laboratories**, we believe that reviewing our practices such as our carbon footprint, water usage, community development efforts and team diversity will **have a positive impact** to drive our business. Our focus is to “**Do well** – run a profitable business” and “**Do good** – influence social and environmental problems in a positive way”. We believe that this should enable us to continue to support clients in line with their sustainability goals.

Sustainable Metallurgy

We all recognise that metallic materials have been critical to human development over thousands of years. The unique properties of metallic materials mean that significant demand is forecast to continue. The processes to extract and manufacture these materials are energy, resource and waste intensive. Dependent on the material, significant savings in energy can be achieved by recycling metals and there is a large focus within industry on creating a circular economy, where **resources are continually reused and recycled**. There are also great efficiency savings being made with near-net shape manufacturing methods such as additive manufacturing and 3D metal printing.

Although the material testing part of the manufacturing process is a small component of the supply chain, it is important that all parts of the supply chain contribute to **reducing the environmental impact** of the process.

Some examples of what we are doing at ASAMS to have a direct and indirect impact on sustainability in metals testing are:

- Any waste produced by ASAMS is sorted and separated to ensure as much waste material is recycled as possible. In excess of 95% of waste produced by the company is currently recycled
- We work with clients to enable them to develop increased product longevity by ensuring materials exhibit the correct properties. We also ensure that test pieces are extracted efficiently, minimising any waste produced
- The ASAMS laboratory in Great Yarmouth uses green heating solutions and 30% of the energy used by the company in 2020 was from renewable sources
- It is our intention to convert the company fleet to all electric vehicles by the end of 2022
- The move to electronic reporting has saved paper and the resources required to deliver hard copies of reports to the client
- ASAMS has begun the journey to gain accreditation to ISO 14001, along with ISO 45001, we hope to complete the accreditation process by the end of 2022

Every year ASAMS **supports the community** and in recent years has donated funds to local sports teams, Cancer Research and Nelson's Journey, a charity that supports bereaved children, the Great Yarmouth Food Bank, The Salvation Army “Toy and Tinsel Appeal” and Norfolk Headway. All staff get involved to decide which organisations to support as it is a key part of the staff engagement culture.

Sustainability, the smart way.

Contact ASAMS today on
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to find out more.



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The effect the company has on the environment and community around ASAMS is an important part of what the company does. As a company with over a 30 year history, it is important to create a long-term sustainability culture.

Thomas Whiskin - Director

A large white commercial airplane is shown from the front-left perspective, parked inside a vast hangar. The hangar's interior is characterized by a warm, orange-toned light, likely from large windows or industrial lighting. The structure of the hangar, with its metal beams and corrugated walls, is visible in the background. The airplane's nose, cockpit windows, and the large engine nacelle are prominent features. The overall atmosphere is one of industrial scale and modern aviation.

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It's surely our responsibility to do everything within our power to create a planet that provides a home not just for us but for all life on Earth.

David Attenborough

How can you use ASAMS services to enable you to have the metal testing services when you need them?

Not only do we hold the relevant accreditations to give you peace of mind, we have our own process:

**Amazing
Service
Accurate
Measurement
Satisfaction guaranteed**

Amazing Service

This starts with us building a relationship with you, asking the right questions, listening to you so we understand your current situation, needs, timescales and budgets. You can also ask us questions so that we form a real collaboration. Once we have all your requirements and your metal sample we get to work, keeping you advised of progress as agreed.

Accurate Measurement

We realise that accuracy is at the heart of everything we do. It's not just a job. If we get things wrong people's lives could be at risk. We are all in the supply chain to make sure that we can create and maintain safe structures and products which are fit for purpose.

This is why we are so proud to invest in state of the art equipment, IT systems and our people to bring you consistently high quality, reliable results.

Satisfaction guaranteed

We provide solutions that are 100% in line with your expectations.

It is so important to us to make sure that our clients are completely satisfied with our service and always welcome any feedback to help us drive our continuous improvement strategy.

Clients tell us that we often deliver their service in two days when other labs would take over two weeks and we understand that meeting your deadlines is very important to you.

Some feedback from existing clients:

Really appreciate the friendliness of staff

Efficient service

I have found that ASAMS are always quick to respond to requests which are then followed up by expert advice in a friendly and professional manner. Any changes needed to the initial request either due to client preferences which might have changed or any problems encountered during testing are quickly dealt with little fuss. Very professional throughout from start to finish with excellent facilities

Friendly approachable people

I appreciate the reliability

Fast and accurate - what more do you want?

Quick and accurate service, clear and concise reports and most importantly keeps the customer informed

It's easy to work with them

ASAMS have excellent services

Professional & friendly staff

Good friendly efficient service

Great overall service and testing environment for visitors

Quick & easy to use

Excellent overall service; knowledgeable and helpful staff. Nothing is too much trouble

Start your ASAMS journey today.

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What do we do?

MECHANICAL TESTING

ASAMS offers a range of mechanical tests to enable the characterisation of metals. These tests include tensile, hardness and charpy impact testing to ISO and ASTM standards. The results of these tests can help to assess a metal's properties or compliance with material specifications.

WELD CERTIFICATION

With a familiarity of working to many international and client specifications we are ideally placed to help you ensure your testing is fully compliant. ASAMS has years of experience working to client specifications within various industries.

FAILURE ANALYSIS & METALLURGICAL CONSULTANCY

Our metallurgists are available to offer failure analysis for a range of engineering components with the aim of isolating and identifying the root cause of failure. They are also able to advise on material selection, interpretation of test results, substitution of metals and a range of other issues.

METALLOGRAPHY

ASAMS can prepare and examine a wide range of metals from cast iron to exotic metals. We are also able to offer a range of UKAS accredited tests to aid with interpretation of the micro-structure or ensure conformance with material standards. All metallography is carried out by our trained metallurgists.

CORROSION TESTING

ASAMS has a range of corrosion tests available, either in-house or through sub-contractor agreements with UKAS accredited laboratories. We are also able to advise on the appropriate corrosion testing to meet your specific needs. All testing is carried out by trained staff using the highest quality apparatus to ensure accurate results.

CHEMICAL ANALYSIS

Through our long-standing sub-contractor agreements with UKAS accredited laboratories, we can offer chemical analysis for a wide range of metals. These are tested using a range of techniques to ensure the most accurate results possible. We also have access to PMI equipment for fast, non-destructive analysis of a reduced range of elements.

REINFORCING STEEL TESTING

A range of testing on welded reinforcing steel to meet the needs of reinforcing steel fabricators. Tests include tensile, shear, macro and bend testing with capacity for re-bar typically up to 32mm diameter.

Call for a free consultation on **+44 (0)1493 653535**.



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*Great things in
business are never
done by one person,
they're all done by
a team of people.*

Steve Jobs



Fe Ni
Mo S C
Cr





ASAMS

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