

Total Integrity Management



innovators in inspection services

specialist inspection services

mb inspection is a leading provider of integrity engineering, inspection management and testing services - particularly to the oil and gas, petrochemical, utility and power generation industries.

mb inspection is a wholly owned subsidiary of Motherwell Bridge Ltd, one of the UK's foremost engineering companies. As a specialist inspection company, we provide a comprehensive range of engineering and technical services, inspection services, specialist techniques and non-destructive testing (NDT) services to clients around the world.

With a turnover in excess of £25m, mb inspection is one of the leading inspections companies within the UK. Over the past 20 years, we have invested heavily in equipment, in our employees and in acquiring the range of industry recognised accreditations - all of which has resulted in an enviable reputation for expertise, quality and safety.



Inspection management

Based on a team of competent engineers and an accredited management system we provide a complete integrity management service to both offshore and onshore clients. Services are set up to meet individual clients needs and take into account their business objectives and the statutory framework. Services can be provided from our offices or at the client's premises, whichever is appropriate. We can develop complete risk based inspection and corrosion management schemes for plant, pipelines and structures and implement them using our own inspection engineers and technicians. Our resources include competent personnel who can assess the results and make engineering assessment of anomalies. We use purpose configured databases to store inspection history and future inspection plans. We feed back the results of inspections to update RBI and to distil improvement actions.

Specialist non-destructive testing

We have used our vast knowledge and experience of customers' technical and commercial requirements to promote a range of specialist NDT techniques. These include long-range ultrasonic testing; rapid scanning technique; incotest techniques. Iris testing; digital radiography; EMAT (unique in the UK); and acoustic emission tank testing. These in-house services are enhanced by mb inspection's advanced computer systems.

Non-destructive testing (NDT)

Our inspection services have developed over the years, and we can demonstrate an excellent track record in their delivery. We offer a complete range of standard in-house NDT methods, which are all UKAS accredited. Our NDT expertise covers radiography; ultrasonics; mapscan; surface flaw detection methods; magnetic particle hydro-testing and positive material identification.



“mb inspection can boast an impressive track record of protecting the assets of many established, blue chip companies”

Rope access services

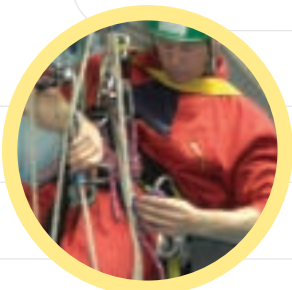
By combining specialist rope access techniques with a number of our other inspection services, we are able to offer cost-effective expertise in remote access areas. For example, we can often send in our rope trained team of inspectors to carry out and complete work in less time than it would take to erect suitable scaffolding. Our rope access services include standard and specialist NDT; mechanical duties; fabric maintenance; and visual examination of plant and structures.

Training

mb inspection has invested heavily in a state-of-the-art training facility in Falkirk. This can be used to support our customers' workforce requirements by providing employees with the necessary training, experience and assessments to ensure they are competent in the functions they are required to perform. We provide training levels 1-3 for IRATA approved rope access a series of courses on safety training for manual working, a range of NDT training, as well as training and qualifications related HR advice.

Other services

In addition to our standard portfolio of services, mb inspection is able to offer customers expertise in a number of other areas. This breadth of specialist knowledge and experience reinforces our position as one of the UK's leading inspection companies. These other services include: pre- and post-heat treatment; weld school; weld procedure trials; welder qualification and testing; laboratory facilities; destructive testing; and failure investigation.





innovators in inspection



Cost-effective - without compromise

mb inspection provides cost-effective services that have been carefully designed to meet the needs of our customers without compromising on our high levels of quality and safety.

These services, which range from routine testing carried out by staff on-site to advanced inspection techniques, normally form part of a long-term inspection contract.

mb inspection is unique in being the only inspection management company in the industry to carry out all inspection and testing in-house. This approach ensures both that our customers are confident that we will take full ownership of our work and that we have the flexibility to control our own work schedules and facilities.

Our extensive, integrated, in-house experience means that our project teams are able to develop tailored inspection plans for individual clients, resulting in cost-effective solutions without compromising on either safety or quality. **mb** Inspection prides itself on this integrity of service.

Whether we're asked to inspect a solitary sample in a laboratory or manage an entire inspection process, we make it our objective to understand our client's business and what provides value. We will carefully control activity to achieve our client's expectations in terms of both cost and timescales. But, at the same time, we will work to effective systems and procedures to ensure the integrity of every aspect of our technical work.

Integrity is everything:

- All testing carried out in-house
- Optimal control of costs and timescales
- Cost-effective without compromise
- Extensive knowledge and industry experience
- Excellent track record
- UKAS accredited
- Full-service provider
- Tailored solutions
- Continual improvement and investment
- Integrity, safety and quality are our watchwords



“positioned as one of the UK’s leading inspection companies”

A reputation to be proud of

Safety and quality are our core values, inherent in everything we do. We are very proud of our reputation and have invested heavily over the years - both in terms of time and resources - to ensure that we achieve prestigious, industry recognised UKAS accreditations for all our operational and inspection services, as well as relevant ISO quality standards.

This official approval of our staff, systems and procedures, combined with an impressive track record of inspection management delivery, has contributed to our enviable position as one of the UK’s leading inspection companies.

Our customers include:

- AJS SNS Offshore (pressure systems, I&E, work packs, inspection, NDT, anomaly analysis)
- Shell Northern Assets (pressure systems, I&E, structural, pipelines, work packs, inspection, NDT, corrosion support)
- CNR (pressure systems, RBI/NII inspection schemes, work packs, inspection, anomaly analysis, corrosion management)
- Dow Chemicals (pressure systems, RBI, written schemes, inspection, NDT, NII schemes)
- BP In Salah (pressure systems, pipeline, integrity management system, inspection support, inspection, NDT)
- Shell St Fergus, Mosmorran & Bacton (pressure systems, competent inspection engineers, NDT)
- Ineos Grangemouth (pressure systems, competent inspection engineers, NDT, technical support)



a proactive approach

Proactive for future success

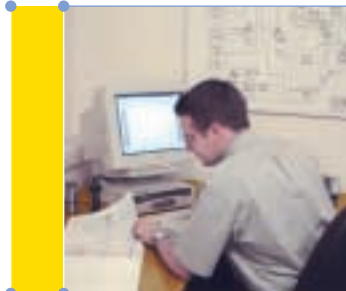
In order to maintain our position as one of the UK's foremost inspection management companies, we are constantly assessing and developing our range of specialist services.

We pride ourselves on taking a proactive approach within the industry, whether it's introducing cutting edge technology or further enhancing our existing offerings.

And a similar degree of foresight extends to **amb** inspection's desire to address the problem of skills shortages within the industry. We take our social responsibility very seriously and recognise that this issue will not be resolved unless we are proactive.

We have, therefore, invested in our modern apprenticeship programme to help bring more young people into the industry and we work hard to provide high quality training both for our own employees and our customers, within the UK and worldwide.

Through this, **amb** inspection is playing its part in securing a certain amount of industry sustainability. And, as a result, we are able to develop high calibre, well trained people - both internally and externally - who will ensure that high professional and industrial standards are maintained in years to come.





“professional teams adhering to watchwords of integrity, quality and safety”

A professional job - every time

We have placed strong emphasis over the past 20 years on achieving industry recognised accreditations to underpin our competence and extensive experience as a leading provider of inspection services:

UKAS accreditation:

- Written schemes of examination and in-service examination of pressure systems - ISO 17020
- NDT methods - UT, radiography, MPI, DPI - ISO 17020
- Laboratory testing - Aberdeen and Great Yarmouth - ISO 17025

ISO 9001:2000 quality systems:

- Rope access NDT, maintenance
- Hydro-testing, weld/welder qualification
- Heat treatment

IRATA membership:

- Rope access training

mb inspection's laboratories and workshop facilities are second to none. Dedicated bays for radiography, hydro-testing and heat treatment give us the ability and flexibility to respond to the most demanding requirements. And, with the exception of hydro-testing, all our testing and inspection services can be performed on-site at our customer's request.

Our accredited testing laboratories provide:

- Failure investigation
- Mechanical testing *
- Corrosion testing *
- Metallography *
- Spectroscopic analysis *
- Welder qualification tests
- Weld procedure tests
- Materials consultancy
- On-site services

(* accredited activities, UKAS accredited testing laboratories, numbers 1346 and 2435)

All of the services offered by **mb** inspection are delivered by professional teams who adhere to our watchwords of integrity, quality and safety.

Our solid base of skilled staff, who are able to call upon the significant support, equipment and facilities of the whole company, comprise:

- Inspection engineers and inspectors
CEng, IEng and EngTech (rope access included)
- Specialist engineers and technologists
CEng, IEng, Level III corrosion/materials and NDT
- NDT Technicians
Level I and II, UT, TOFD, Rad, ECI, ACFM, MPI/DPI (rope access included)
- HSEQ and HR support
- Operations and logistics support





Non-destructive
Testing (NDT)

Specialist
Non-destructive
Testing

Inspection
Management

Rope Access
Services

Training

Other Services

Your business in safe hands

Customer service is paramount to us - as is health and safety compliance. To this end, we provide quality assurance for our clients in everything that we do.

- BS EN ISO 9001:2000
- British Safety Council, National Safety Award - five consecutive years
- RoSPA - Presidents Award
- UKAS Accredited
- First Point Assessment Ltd (FPAL) Registered
- Achilles Registered

100 years of engineering excellence

A wholly owned subsidiary of Motherwell Bridge Ltd - which can trace its roots back to the original Group founded in 1898 - **mb** inspection enjoys an international reputation as one of the UK's foremost inspection companies. Its heritage means that it is part of a pioneering business, which, during the course of the last century, was responsible for engineering and constructing some of the most prestigious and imposing process plants in the world - many of which are still in operation today.

This degree of experience, combined with impressive levels of competence, flexibility and technical innovation, has enabled **mb** inspection Ltd to provide a complete integrated range of services to exactly match the requirements of customers worldwide - regardless of the size, location or complexity of the project.

Our sister company **mb** Engineering Services, has an established track record in providing niche specialist services, they have proven capability in managing and executing maintenance and turnaround programmes, piping installations, large storage tank facilities, gasholders, heat exchanges and refractory lining systems.

mb Engineering Services provide an extensive range of on or off site engineering services including design, manufacture, construction and maintenance to the oil and gas, petrochemical, pharmaceutical and power industries.

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