

lifting equipment integrity





Buchan Inspection Ltd is a specialist provider of third party independent inspection, testing and advisory services for lifting equipment. Since 1985, these services have been provided to the oil and gas, insurance, petrochemical, construction and shipping and marine industries.

delivering high quality inspection and integrity services to clients, including:

Acergy
Amec
Apache
BP
BP Chemicals
CAN
iicorr
Oceaneering
Shell
Technip
Wood Group

Buchan Inspection delivers a completely impartial service. It does not manufacture, supply, modify or repair lifting equipment. The company helps to ensure the reliability and safety of its clients' lifting equipment, assisting them to comply with the requirements of LOLER*.

Buchan always maintains current knowledge of the rules, regulations, and standards that govern industry worldwide. This knowledge combined with our extensive expertise, acquired through our experienced engineers and through an extensive internal training regime, means that we also bring the ability to think beyond the routine when delivering inspection and integrity solutions to our clients. This enables development beyond simple compliance with auditable and justified management systems.

*Lifting Operations and Lifting Equipment Regulations, UK 1998 SI 2307



Buchan Inspection provides high level integrity assurance through the application of rigorous quality standards, experience, knowledge and understanding.



WHAT WE DELIVER

Buchan Inspection provides a full range of assurance services for cranes and lifting equipment, including:

ENTERPRISE OF COMPETENCE

- managing the engineering/design/integrity process
- ensure equipment meets the original design intent and if not justify otherwise
- change management
- define operating and maintenance instructions
- define periodic testing – statutory as well as for asset/safety protection
- manage anomaly repairs or modifications
- configure documentation and records
- audit and verify operational activities
- provide impartial technical advice

INTEGRITY MANAGEMENT SERVICES

- develop written schemes of examination
- develop and operate management systems
- install a management database housing registers of inspection and test certificates
- ensure compliance with statutory legislation
- developing strategies that ensure assets are safe and remain available for use
- data collection and monitoring (including trending)
- anomaly assessment
- recommending actions to assure integrity
- review and regular updating of integrity control documentation
- certification review
- develop inspection, test and operational procedures

INSPECTION SERVICES

- develop work instructions, procedures and reporting to ensure inspections are fully auditable
- conduct statutory inspections required by LOLER (including testing)
- issue defect lists
- issue test certificates
- inspect equipment prior to release
- establish access requirements for asset inspection activities
- commission and conduct proof load tests
- providing rope access capability allowing rapid deployment and access to difficult sites
- magnetic particle inspection, ultrasonic testing and specialist inspection techniques
- legislative compliance
- acoustic emission monitoring
- crane operation knowledge

TRAINING

Buchan Inspection designs, develops and delivers a range of training and mentoring programmes, both in-house and at clients' premises, to enhance competencies of technical and management personnel in areas such as:

- lifting equipment operation
- lifting equipment examination
- regulations and compliance (eg LOLER)
- competency assessment

Through a range of accredited courses, Buchan Inspection can deliver solutions from short-term individual modules through to industry recognised qualifications.



Buchan Inspection has a proven track record for delivering services for more than 30 years to industries ranging from oil & gas, petrochemical, nuclear, marine, logistics, sports and entertainment. Its experienced engineers have been involved in projects ranging from design to operation and onward to decommissioning.

CREDENTIALS

UKAS

ISO/IEC 17020 (EN45004) Type A for Lifting Equipment

Buchan Inspection Ltd achieved registration under ISO/IEC 17020 (European Standard EN 45004) for Type A, In Service Inspection Bodies for Lifting Equipment in September 1996 by the United Kingdom Accreditation Service (UKAS). The company is among the few organisations in the UK to achieve this recognition.

The Standard requires inspection bodies to demonstrate their independence and technical competence to perform specific inspection tasks. The assessors examine the effectiveness of inspections techniques, competence of inspection staff, adequacy of facilities and equipment used, suitability of reporting arrangements, ability to deliver impartial judgements, legal status, adequacy of liability insurance cover, and the effectiveness of the quality management system.

Buchan Inspection Ltd

Campus 3, Science & Technology Park, Balgownie Drive, Bridge of Don, Aberdeen AB22 8GW United Kingdom
Tel 01224 822230 Fax 01224 822205

www.buchaninspection.com

