



Durham Lifting provide a turn-key operation for crane hook blocks, including full strip, service, repair and proof load testing prior to painting and despatch.

Is your Hook Block Safe?

A crane hook and bottom assembly are constructed from many critical components. Thorough examination and disassembly are required on a frequent basis to ensure bearings and internal shafts are still in good working order . . . these works cannot be achieved with an external examination!

INSPECTION AND REFURBISHING PROCESS

- Our service technicians begin the examination with a complete inspection of the duplex hook and attachments checking for deformation, cracks, gouges, and thread wear.
- The latches on either side of the hook are checked for correct operation.
- Sheave wheels are inspected for misalignment, wobble, and wear, as well as the correct positioning of sheave pin nuts.
- Rope grooves are checked for normal wear from use, or for abnormal wear from miss-use (such as using improper sized wire rope).
- All nuts, bolts, pins, and other hardware are checked to ensure they are still intact and that they are no signs of bending.
- Side plates, pins and axles, fittings and trunions are checked for signs of cracking or deformation.
- The block assembly is completely disassembled and any damaged or missing parts repaired or replaced.
- The crane hook and block are then repainted, reassembled and tested prior to despatch.



BEFORE



AFTER

PROCESS INCLUDES

- Pre and Post Non-destructive testing (NDT)
- Shot blasting to remove all old paint
- Replacement of all seals and bearings
- 110% overload pull tested (DNV witness can be arranged on request)
- Re-painted and tagged
- Full certification process

Contact us today!

**Durham
Lifting**
ESTABLISHED 1996

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A WEALTH OF TECHNICAL EXPERTISE COMBINED WITH INVESTMENT INTO OUR COMPREHENSIVE NORTH EAST CAPABILITIES, ENSURE WE CONTINUE TO SET THE PACE WITHIN OUR SECTOR.

Founded in 1996, Durham Lifting provide a total lifting equipment solution for companies throughout the North East and UK wide.

Our aim is to offer an extensive range of quality products and services at competitive rates while achieving and maintaining service excellence which surpasses our customers' needs and expectations.

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MANUFACTURE & FABRICATION

MULTI-SEC BEAM SYSTEMS

LIGHT CRANE SYSTEMS

**INSTALLATION, MAINTENANCE &
SERVICING**

LIFTING EQUIPMENT

HIRE

STATUTORY EXAMINATIONS

TESTING