



Slinden Services Ltd

Cast Iron Welding & Metal Stitching Repairs

Coal Mill Bearing Casting

We were contacted by a mineral mining company with a breakdown due to a damaged coal mill bearing casting. Urgent repairs were required!

The whole workings were delivered to our workshop where, upon arrival, we blasted all parts and carried out crack testing to all critical areas, including the top cover where we found a 90mm crack, which was stitch repaired and then dressed.

We fully stripped the main casting before undertaking repairs to the broken section by way of our Lloyd's approved fusion welding procedures for cast iron, grinding all welds to correct profile matching existing shape, and fully crack testing. After the welding and inspection process, we machined all areas that

needed work, including bearing landing, top cover landing faces, and outlet flange. We repaired the sealing ring steelwork as best possible then did a test rebuild of the casting to ensure a good fit. Finally, the casting was given a coating of red oxide primer.

Once happy with the repairs, we notified the customer to collect the job—all within a week's time frame!

"David, I would like you to pass on my thanks to your workforce for the effort they have put in to deliver the casting back to us on time. The work you carried out was excellent and our fitters are very happy with the results".

For any Emergency Industrial Repairs, please contact us for an initial survey/quotation.

- Initial Survey/Quotation
- Lloyds fusion welding procedures
- Metal stitching
- Full crack detection
- Casting of parts if required
- 24 Hour Emergency Service
- All Work Guaranteed

*Breathing new life into
damaged cast iron components*

L3 Olympic House, Westminster Industrial Estate, Measham, Derbyshire, DE12 7DS

Telephone: +44 (0) 1530 274646

Email: info@slinden.co.uk