



# Slinden Services Ltd

Cast Iron Welding & Metal Stitching Repairs

## Steam Driven Windlass



We were contacted by the owners of the world's last seagoing paddle steamer regarding urgent repairs to the steam driven windlass which had developed cracks in the steam chamber of the casting.

*"Is there any way you could provide a solution to weld these cracks? Unfortunately, due to these cracks, the vessel is out of service, so a speedy resolution is required"*

The casting was brought to our workshop on Friday afternoon, where it was stripped of all spares, given a thorough inspection, our findings were confirmed to the owner, and we were given the go ahead to proceed with the repairs over the weekend, by way of our Lloyds approved fusion welding procedures for cast iron, followed by grinding up all welds to correct profile to match existing shape, then fully crack testing to SNT TC 1A, and pressure testing.

After the welding and inspection process, the casting was blasted and a coat of grey oxide primer applied, before the ship's captain came down to collect the windlass (plus all spares) in person on Monday afternoon!

For any Steam/Marine casting repairs, please give us a call for an initial quotation.



- Full Inspection
- Urgent Repairs
- Lloyds Welding Procedures
- Sand Blasting
- Painting As Required
- 2 Year Guarantee

*Breathing new life into  
damaged cast iron components*

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

Telephone: +44 (0) 1530 274646

mail: [info@slinden.co.uk](mailto:info@slinden.co.uk)