



# Slinden Services Ltd

Cast Iron Welding & Metal Stitching Repairs

## Tees Tidal Gates



We were approached by a Teesside company who called upon our services to weld repair two cast iron tidal gates which had broken lugs and also needed building up and realignment of the lug bores and machining back to size, as the bores had become oversized over time. The repairs had become necessary as part of a major redevelopment and regeneration program for the area.



Upon inspection, it was also found that the brass sealing faces had come away due to corrosion of the holding pins. Both gates were crack tested before undertaking repairs by way of our Lloyd's approved fusion welding procedures for cast iron, giving a repair as strong – if not stronger – than the original material. The sealing faces were refitted as required with stainless steel studs. This was followed by grinding up of all welds to the correct profile to match existing shape and again

crack testing.



Next came the re-drilling and re-aligning of the lug bores, ensuring to correct size and the brass link pins provided were a good fit, followed by shot blasting and a coating of red oxide primer before customer collection.



For any Industrial Repairs, contact us for a free initial survey/quotation.

- Free Survey/Quotation
- Lloyds Welding Procedures
- Full Crack Detection
- Casting of Parts if Required
- 24 Hour Emergency Service
- All Work Guaranteed

*Breathing new life into  
damaged cast iron components*

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