

Boss-Arms for Messrs. Harland & Wolffs No 245.
 THE STEEL COMPANY OF SCOTLAND, LIMITED.

Test Room Sheet

Newton

Works, the

22nd

day of

June

1891

| ORDER No. | QUALITY | CHARGE No. | SAMPLE No. | SIZE OF SAMPLE. | | | BREAKING STRAIN. | | EXTENSION. | | | CONDITION. | | INITIAL STRAIN. | | SIZE OF FRACTURE. | | | | REMARKS. |
|-----------|---------|------------|------------|-----------------|------|-------|------------------|-------------------------|--------------------|--------------------|--------------------|----------------|-------------------------|-----------------|-------------------------|-------------------|------|-------|---------------|----------|
| | | | | Bth. | Thk. | Area. | Actual Tons. | Per $\frac{1}{2}$ Tons. | $\frac{1}{8}$ Ins. | $\frac{1}{4}$ Ins. | $\frac{3}{8}$ Ins. | Long or Cross. | Annealed or Unannealed. | Actual Tons. | Per $\frac{1}{2}$ Tons. | Bth. | Thk. | Area. | $\frac{1}{4}$ | |
| | | | 1. | 1.23 | .49 | .602 | 14.5 | 29.0 | 13.5 | Slight-flaw | | | | | | | | | | |
| | | | 2. | " | .50 | .615 | 19.2 | 38.2 | 22.0 | | | | | | | | | | | |

Blend Test
Bent to 92° without fracture.

Alex^r Kidd
Surveyor to Lloyd's Register

LR

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BE 59-0176

*Bend Test -
 Bent to 92° without fracture.*

*Alex^r. Kidd
 Surveyor to Lloyd's Register*



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9110-65728

245

Re Castings on
Stern frame, boss arms

June 25 1891

"Indiana
Belfast Report
No 4019



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