

Received at Belfast Office, Mar 22nd 1892

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 256 Port Belfast)

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

No. 3419 SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by the Steel Coy. of Scotland of Newton for the Vessel No. 256, being built by Messrs Harland & Wolff of Belfast ^{has} ~~have~~ been inspected by me as set forth below, and found to be, so far as can be seen, Sound & free from defect

Mark on Forgings.

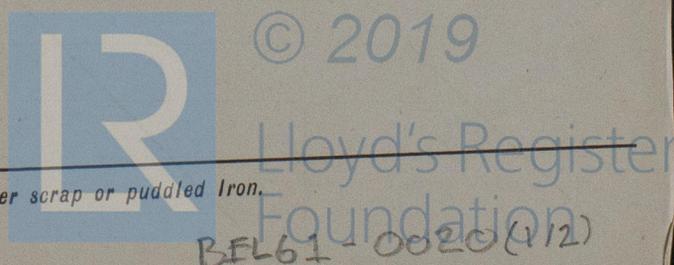
Lloyd's
No. 3419
At 18/3/92

Alex^r Kidd
Glasgow

| | STERN FRAME. | RUDDER FRAME. | STEM. |
|------------------------|-----------------------------------|---------------|-------|
| Material* | <u>Steel (Siemens-Martin)</u> | / | / |
| How made | <u>Cast</u> | / | / |
| Dimensions | ✓ | / | / |
| Progress on Inspection | ✓ | / | / |
| Dates when Inspected | <u>Met in constant attendance</u> | / | / |

SKETCHES OF FRAMES SHEWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS, OR PARTICULARS OF TESTS APPLIED TO CASTINGS.

The above Casting has been subjected to the usual drop & hammering tests with satisfactory results
Results of tensile & bend tests are hereto appended



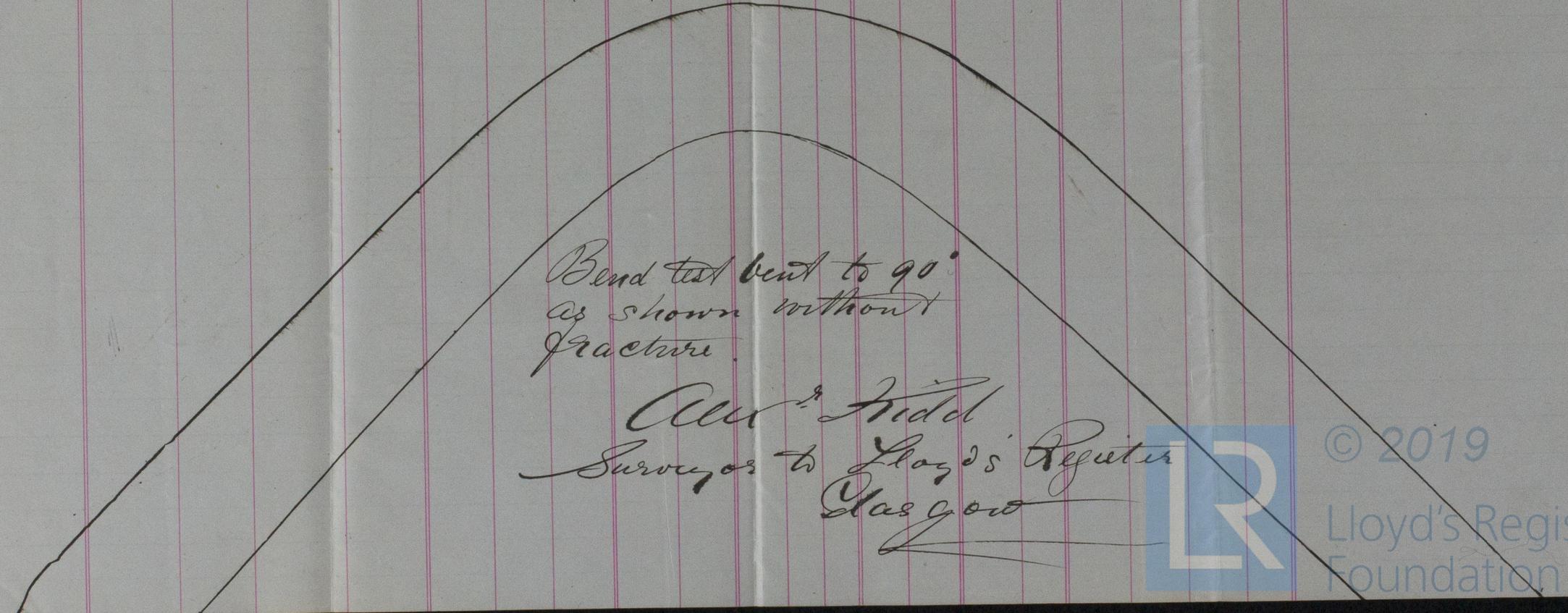
* If of Iron, state whether scrap or puddled Iron.

BFL61-0020(112)

THE STEEL COMPANY OF SCOTLAND, LIMITED.

Test Room Sheet *Newton* Works, the *18th.* day of *March* 18 *92*

| 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 \square Tons. | % Ins. | % Ins. | % Ins. | Long or Cross. | Annealed or Unannealed. | Actual Tons. | Per \square Tons. | Bth. | Thk. | Area. | % | |
| <p><i>Results of tests made on Stern Frame for Messrs Harland & Wolff No 256.</i></p> <p style="text-align: center;"><i>8"</i></p> <p><i>1</i> <i>1.23</i> <i>.50</i> <i>.615</i> <i>18.5</i> <i>30.0</i> <i>27.0</i></p> <p><i>2</i> " <i>.48</i> <i>.590</i> <i>17.9</i> <i>30.3</i> <i>26.0</i></p> | | | | | | | | | | | | | | | | | | | | |



*Bend test bent to 90°
as shown without
fracture.*

*Alex^r Todd
Surveyor to Lloyd's Register
Glasgow*

BEL61-0020 (2/2)



256

Basting on Stern
Frame.

22 March 1892

Sagamore

Bel First Entry Rpt
no 41 92



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Foundation