

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. *15,992* Port*Leith.*)**863. ENGINE FORGINGS ~~OR CASTINGS~~**

to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described,
 etured by *The Fife Forge Co., Ltd.* of *Kirkcaldy*,
 Engines No. being constructed by *Messrs J. Howden & Co., Ltd.*
Glasgow for the Ship ~~No.~~ "*Kinghorn*" being built by
the Kinghorn Shipbuilding Co., of *Kinghorn*,
 n inspected by me as set forth below, and found to be, so far as can
satisfactory.

3rd to 59th Intermediate Shafts, inclusive.

J. Williamson & Co. Brimblecombe.
Leith.

| CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|--------------|--------------------|--|------------------|
| | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| | | <i>7</i> | |
| | | <i>Sp. I. Steel.</i> | |
| | | <i>Forged</i> | |
| | | <i>13⁷/₈" dia.</i> | |
| | | <i>Finished</i> | |
| | | <i>{ 30.8, 31.0, 31.6, 30.6 }</i> | |
| | | <i>{ 30.8, 31.0, 30.8. }</i> | |
| | | <i>{ 30, 30, 29, 32, }</i> | |
| | | <i>{ 29, 29, 29. }</i> | |
| | | <i>180° good.</i> | |
| | | <i>29.8.19 to 17.8.20</i> | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

argeable) £
 ut



ether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

W482-0212

er at centre

Length as per rule

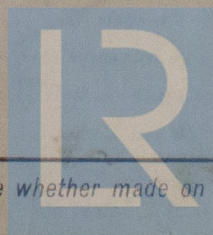
Distance apart

Number and pitch of s

re by rules

Steam dome: description of joint to shell

o/o of strength of joint



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Lloyd's Register
Foundation

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Register of Shipping

Report on Machinery, No. 12,992

List.

ENGINE FORGINGS

Steel Forgings
The Life Force Co., Ltd., of Liverpool,
being constructed by Messrs. J. Hunter & Co., Ltd.,
for the ship "The Kingdom" being built by
Messrs. J. Hunter & Co., Ltd., of Liverpool,
inspected by me as set forth below, and found to be, so far as con-
struction is concerned, satisfactory.

to 20# American Safe, exclusive.

W. Williams & Co. Ltd.

Steel

2 1/2 in. 2 steel.

Tempered

13 1/8 in.

Finished

30.8, 31.0, 31.2, 31.4, 31.6, 31.8, 32.0, 32.2, 32.4, 32.6, 32.8, 33.0, 33.2, 33.4, 33.6, 33.8, 34.0, 34.2, 34.4, 34.6, 34.8, 35.0, 35.2, 35.4, 35.6, 35.8, 36.0, 36.2, 36.4, 36.6, 36.8, 37.0, 37.2, 37.4, 37.6, 37.8, 38.0, 38.2, 38.4, 38.6, 38.8, 39.0, 39.2, 39.4, 39.6, 39.8, 40.0, 40.2, 40.4, 40.6, 40.8, 41.0, 41.2, 41.4, 41.6, 41.8, 42.0, 42.2, 42.4, 42.6, 42.8, 43.0, 43.2, 43.4, 43.6, 43.8, 44.0, 44.2, 44.4, 44.6, 44.8, 45.0, 45.2, 45.4, 45.6, 45.8, 46.0, 46.2, 46.4, 46.6, 46.8, 47.0, 47.2, 47.4, 47.6, 47.8, 48.0, 48.2, 48.4, 48.6, 48.8, 49.0, 49.2, 49.4, 49.6, 49.8, 50.0, 50.2, 50.4, 50.6, 50.8, 51.0, 51.2, 51.4, 51.6, 51.8, 52.0, 52.2, 52.4, 52.6, 52.8, 53.0, 53.2, 53.4, 53.6, 53.8, 54.0, 54.2, 54.4, 54.6, 54.8, 55.0, 55.2, 55.4, 55.6, 55.8, 56.0, 56.2, 56.4, 56.6, 56.8, 57.0, 57.2, 57.4, 57.6, 57.8, 58.0, 58.2, 58.4, 58.6, 58.8, 59.0, 59.2, 59.4, 59.6, 59.8, 60.0, 60.2, 60.4, 60.6, 60.8, 61.0, 61.2, 61.4, 61.6, 61.8, 62.0, 62.2, 62.4, 62.6, 62.8, 63.0, 63.2, 63.4, 63.6, 63.8, 64.0, 64.2, 64.4, 64.6, 64.8, 65.0, 65.2, 65.4, 65.6, 65.8, 66.0, 66.2, 66.4, 66.6, 66.8, 67.0, 67.2, 67.4, 67.6, 67.8, 68.0, 68.2, 68.4, 68.6, 68.8, 69.0, 69.2, 69.4, 69.6, 69.8, 70.0, 70.2, 70.4, 70.6, 70.8, 71.0, 71.2, 71.4, 71.6, 71.8, 72.0, 72.2, 72.4, 72.6, 72.8, 73.0, 73.2, 73.4, 73.6, 73.8, 74.0, 74.2, 74.4, 74.6, 74.8, 75.0, 75.2, 75.4, 75.6, 75.8, 76.0, 76.2, 76.4, 76.6, 76.8, 77.0, 77.2, 77.4, 77.6, 77.8, 78.0, 78.2, 78.4, 78.6, 78.8, 79.0, 79.2, 79.4, 79.6, 79.8, 80.0, 80.2, 80.4, 80.6, 80.8, 81.0, 81.2, 81.4, 81.6, 81.8, 82.0, 82.2, 82.4, 82.6, 82.8, 83.0, 83.2, 83.4, 83.6, 83.8, 84.0, 84.2, 84.4, 84.6, 84.8, 85.0, 85.2, 85.4, 85.6, 85.8, 86.0, 86.2, 86.4, 86.6, 86.8, 87.0, 87.2, 87.4, 87.6, 87.8, 88.0, 88.2, 88.4, 88.6, 88.8, 89.0, 89.2, 89.4, 89.6, 89.8, 90.0, 90.2, 90.4, 90.6, 90.8, 91.0, 91.2, 91.4, 91.6, 91.8, 92.0, 92.2, 92.4, 92.6, 92.8, 93.0, 93.2, 93.4, 93.6, 93.8, 94.0, 94.2, 94.4, 94.6, 94.8, 95.0, 95.2, 95.4, 95.6, 95.8, 96.0, 96.2, 96.4, 96.6, 96.8, 97.0, 97.2, 97.4, 97.6, 97.8, 98.0, 98.2, 98.4, 98.6, 98.8, 99.0, 99.2, 99.4, 99.6, 99.8, 100.0, 100.2, 100.4, 100.6, 100.8, 101.0, 101.2, 101.4, 101.6, 101.8, 102.0, 102.2, 102.4, 102.6, 102.8, 103.0, 103.2, 103.4, 103.6, 103.8, 104.0, 104.2, 104.4, 104.6, 104.8, 105.0, 105.2, 105.4, 105.6, 105.8, 106.0, 106.2, 106.4, 106.6, 106.8, 107.0, 107.2, 107.4, 107.6, 107.8, 108.0, 108.2, 108.4, 108.6, 108.8, 109.0, 109.2, 109.4, 109.6, 109.8, 110.0, 110.2, 110.4, 110.6, 110.8, 111.0, 111.2, 111.4, 111.6, 111.8, 112.0, 112.2, 112.4, 112.6, 112.8, 113.0, 113.2, 113.4, 113.6, 113.8, 114.0, 114.2, 114.4, 114.6, 114.8, 115.0, 115.2, 115.4, 115.6, 115.8, 116.0, 116.2, 116.4, 116.6, 116.8, 117.0, 117.2, 117.4, 117.6, 117.8, 118.0, 118.2, 118.4, 118.6, 118.8, 119.0, 119.2, 119.4, 119.6, 119.8, 120.0, 120.2, 120.4, 120.6, 120.8, 121.0, 121.2, 121.4, 121.6, 121.8, 122.0, 122.2, 122.4, 122.6, 122.8, 123.0, 123.2, 123.4, 123.6, 123.8, 124.0, 124.2, 124.4, 124.6, 124.8, 125.0, 125.2, 125.4, 125.6, 125.8, 126.0, 126.2, 126.4, 126.6, 126.8, 127.0, 127.2, 127.4, 127.6, 127.8, 128.0, 128.2, 128.4, 128.6, 128.8, 129.0, 129.2, 129.4, 129.6, 129.8, 130.0, 130.2, 130.4, 130.6, 130.8, 131.0, 131.2, 131.4, 131.6, 131.8, 132.0, 132.2, 132.4, 132.6, 132.8, 133.0, 133.2, 133.4, 133.6, 133.8, 134.0, 134.2, 134.4, 134.6, 134.8, 135.0, 135.2, 135.4, 135.6, 135.8, 136.0, 136.2, 136.4, 136.6, 136.8, 137.0, 137.2, 137.4, 137.6, 137.8, 138.0, 138.2, 138.4, 138.6, 138.8, 139.0, 139.2, 139.4, 139.6, 139.8, 140.0, 140.2, 140.4, 140.6, 140.8, 141.0, 141.2, 141.4, 141.6, 141.8, 142.0, 142.2, 142.4, 142.6, 142.8, 143.0, 143.2, 143.4, 143.6, 143.8, 144.0, 144.2, 144.4, 144.6, 144.8, 145.0, 145.2, 145.4, 145.6, 145.8, 146.0, 146.2, 146.4, 146.6, 146.8, 147.0, 147.2, 147.4, 147.6, 147.8, 148.0, 148.2, 148.4, 148.6, 148.8, 149.0, 149.2, 149.4, 149.6, 149.8, 150.0, 150.2, 150.4, 150.6, 150.8, 151.0, 151.2, 151.4, 151.6, 151.8, 152.0, 152.2, 152.4, 152.6, 152.8, 153.0, 153.2, 153.4, 153.6, 153.8, 154.0, 154.2, 154.4, 154.6, 154.8, 155.0, 155.2, 155.4, 155.6, 155.8, 156.0, 156.2, 156.4, 156.6, 156.8, 157.0, 157.2, 157.4, 157.6, 157.8, 158.0, 158.2, 158.4, 158.6, 158.8, 159.0, 159.2, 159.4, 159.6, 159.8, 160.0, 160.2, 160.4, 160.6, 160.8, 161.0, 161.2, 161.4, 161.6, 161.8, 162.0, 162.2, 162.4, 162.6, 162.8, 163.0, 163.2, 163.4, 163.6, 163.8, 164.0, 164.2, 164.4, 164.6, 164.8, 165.0, 165.2, 165.4, 165.6, 165.8, 166.0, 166.2, 166.4, 166.6, 166.8, 167.0, 167.2, 167.4, 167.6, 167.8, 168.0, 168.2, 168.4, 168.6, 168.8, 169.0, 169.2, 169.4, 169.6, 169.8, 170.0, 170.2, 170.4, 170.6, 170.8, 171.0, 171.2, 171.4, 171.6, 171.8, 172.0, 172.2, 172.4, 172.6, 172.8, 173.0, 173.2, 173.4, 173.6, 173.8, 174.0, 174.2, 174.4, 174.6, 174.8, 175.0, 175.2, 175.4, 175.6, 175.8, 176.0, 176.2, 176.4, 176.6, 176.8, 177.0, 177.2, 177.4, 177.6, 177.8, 178.0, 178.2, 178.4, 178.6, 178.8, 179.0, 179.2, 179.4, 179.6, 179.8, 180.0, 180.2, 180.4, 180.6, 180.8, 181.0, 181.2, 181.4, 181.6, 181.8, 182.0, 182.2, 182.4, 182.6, 182.8, 183.0, 183.2, 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326.4, 326.6, 326.8, 327.0, 327.2, 327.4, 327.6