

COPY

Week Section 537

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 4356X ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Wife Forge Co., Ltd. of Kirkcaldy for the Engines No. 442 being constructed by Thurs. Workman & Clark of Belfast for the Ship No. _____, being built by _____ of _____ have been inspected by me as set forth below, and found to be, so far as can be seen, sound.

Mark on Forgings or Castings.

Lloyd's
No. 4468
J.R.W.

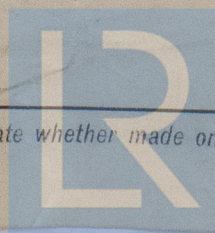
J. R. Williamson.
Leith.

	Couplings, Pins and CRANK SHAFT. End Pieces.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material * ...	S. M. I. Steel	S. M. I. Steel	S. M. I. Steel	S. M. I. Steel
How made ...	Forged	Forged	Forged	Forged
Dimensions ...	14 1/2" dia.	14 1/2" dia.	13 1/2" dia.	15 3/4" dia.
Progress on Inspection }	Rough turned	Rough turned	Rough turned	Rough turned
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch ...	30 30.8 31	30.6	30.4, 31, 31.4, 30.6, 31, 31.2	31
Extension per cent ...	30 31 31	30	31 30 31 31 31 32	30
Cold Bending Test—				
Angle before fracture ...	180°	180°	180°	180°
Dates when Inspected	5/8/18 to 3/9/18	6/2/18 to 20/12/18	6/12/18 to 4/2/19	5/10/18 to 8/11/18

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at

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



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Foundation

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FROM
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B/PR
B/MB

REF
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WORK

These weights, such as bearing iron, &c. of an ordinary pattern made on the Open Head die, are not to be used for the purpose of testing the strength of the metal.

PATTERNS OF OTHER TESTS APPLIED TO CASTINGS:-

TEST	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

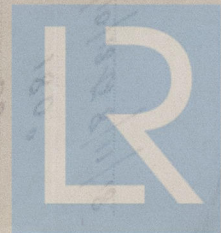
Engr. Chaptin
S.S. Ballyally Head

ENGINE FORGINGS OR CASTINGS

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1904



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