

# BOILERS N° 830. 2 OFF MESSRS SIR JAMES LAING & SONS' S S N° 606.

WORKING PRESSURE 180 LBS PER SQ INCH TO LLOYD'S REQUIREMENTS.

GEORGE CLARK, LIND.

SOUTHWICK ENGINE WORKS.

ALL PLATES, RIVETS & STAYS OF STEEL LAP WELDED IRON TUBES.

ALL RIVETS TO BE DRILLED IN POSITION.

OTHER PLATES 50 50 50

LONGITUDINAL STAYS 50 50 50

RIVETS & SCREEN STAYS 50 50 50

IN ALL CASES THE ELONGATION IS TO BE NOT LESS THAN 50 PER CENT IN A LENGTH OF EIGHT INCHES.

SCALE, 1" = 1 FOOT

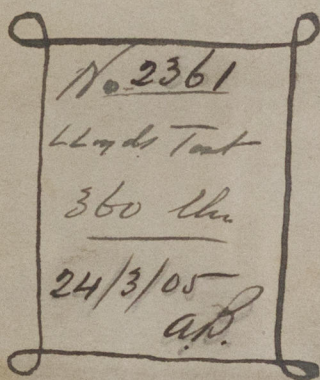
83.11.1004

MARK NO.	THICKNESS	POSITION	MARK NO.	THICKNESS	POSITION
A	10-10 1/2	1 1/2	1	10-10 1/2	1 1/2
B	10-10 1/2	1 1/2	2	10-10 1/2	1 1/2
C	10-10 1/2	1 1/2	3	10-10 1/2	1 1/2
D	10-10 1/2	1 1/2	4	10-10 1/2	1 1/2
E	10-10 1/2	1 1/2	5	10-10 1/2	1 1/2
F	10-10 1/2	1 1/2	6	10-10 1/2	1 1/2
G	10-10 1/2	1 1/2	7	10-10 1/2	1 1/2
H	10-10 1/2	1 1/2	8	10-10 1/2	1 1/2
I	10-10 1/2	1 1/2	9	10-10 1/2	1 1/2
J	10-10 1/2	1 1/2	10	10-10 1/2	1 1/2
K	10-10 1/2	1 1/2	11	10-10 1/2	1 1/2
L	10-10 1/2	1 1/2	12	10-10 1/2	1 1/2
M	10-10 1/2	1 1/2	13	10-10 1/2	1 1/2
N	10-10 1/2	1 1/2	14	10-10 1/2	1 1/2
O	10-10 1/2	1 1/2	15	10-10 1/2	1 1/2
P	10-10 1/2	1 1/2	16	10-10 1/2	1 1/2
Q	10-10 1/2	1 1/2	17	10-10 1/2	1 1/2
R	10-10 1/2	1 1/2	18	10-10 1/2	1 1/2
S	10-10 1/2	1 1/2	19	10-10 1/2	1 1/2
T	10-10 1/2	1 1/2	20	10-10 1/2	1 1/2
U	10-10 1/2	1 1/2	21	10-10 1/2	1 1/2
V	10-10 1/2	1 1/2	22	10-10 1/2	1 1/2
W	10-10 1/2	1 1/2	23	10-10 1/2	1 1/2
X	10-10 1/2	1 1/2	24	10-10 1/2	1 1/2
Y	10-10 1/2	1 1/2	25	10-10 1/2	1 1/2
Z	10-10 1/2	1 1/2	26	10-10 1/2	1 1/2
AA	10-10 1/2	1 1/2	27	10-10 1/2	1 1/2
AB	10-10 1/2	1 1/2	28	10-10 1/2	1 1/2
AC	10-10 1/2	1 1/2	29	10-10 1/2	1 1/2
AD	10-10 1/2	1 1/2	30	10-10 1/2	1 1/2
AE	10-10 1/2	1 1/2	31	10-10 1/2	1 1/2
AF	10-10 1/2	1 1/2	32	10-10 1/2	1 1/2
AG	10-10 1/2	1 1/2	33	10-10 1/2	1 1/2
AH	10-10 1/2	1 1/2	34	10-10 1/2	1 1/2
AI	10-10 1/2	1 1/2	35	10-10 1/2	1 1/2
AJ	10-10 1/2	1 1/2	36	10-10 1/2	1 1/2
AK	10-10 1/2	1 1/2	37	10-10 1/2	1 1/2
AL	10-10 1/2	1 1/2	38	10-10 1/2	1 1/2
AM	10-10 1/2	1 1/2	39	10-10 1/2	1 1/2
AN	10-10 1/2	1 1/2	40	10-10 1/2	1 1/2
AO	10-10 1/2	1 1/2	41	10-10 1/2	1 1/2
AP	10-10 1/2	1 1/2	42	10-10 1/2	1 1/2
AQ	10-10 1/2	1 1/2	43	10-10 1/2	1 1/2
AR	10-10 1/2	1 1/2	44	10-10 1/2	1 1/2
AS	10-10 1/2	1 1/2	45	10-10 1/2	1 1/2
AT	10-10 1/2	1 1/2	46	10-10 1/2	1 1/2
AU	10-10 1/2	1 1/2	47	10-10 1/2	1 1/2
AV	10-10 1/2	1 1/2	48	10-10 1/2	1 1/2
AW	10-10 1/2	1 1/2	49	10-10 1/2	1 1/2
AX	10-10 1/2	1 1/2	50	10-10 1/2	1 1/2
AY	10-10 1/2	1 1/2	51	10-10 1/2	1 1/2
AZ	10-10 1/2	1 1/2	52	10-10 1/2	1 1/2
BA	10-10 1/2	1 1/2	53	10-10 1/2	1 1/2
BB	10-10 1/2	1 1/2	54	10-10 1/2	1 1/2
BC	10-10 1/2	1 1/2	55	10-10 1/2	1 1/2
BD	10-10 1/2	1 1/2	56	10-10 1/2	1 1/2
BE	10-10 1/2	1 1/2	57	10-10 1/2	1 1/2
BF	10-10 1/2	1 1/2	58	10-10 1/2	1 1/2
BG	10-10 1/2	1 1/2	59	10-10 1/2	1 1/2
BH	10-10 1/2	1 1/2	60	10-10 1/2	1 1/2
BI	10-10 1/2	1 1/2	61	10-10 1/2	1 1/2
BJ	10-10 1/2	1 1/2	62	10-10 1/2	1 1/2
BK	10-10 1/2	1 1/2	63	10-10 1/2	1 1/2
BL	10-10 1/2	1 1/2	64	10-10 1/2	1 1/2
BM	10-10 1/2	1 1/2	65	10-10 1/2	1 1/2
BN	10-10 1/2	1 1/2	66	10-10 1/2	1 1/2
BO	10-10 1/2	1 1/2	67	10-10 1/2	1 1/2
BP	10-10 1/2	1 1/2	68	10-10 1/2	1 1/2
BQ	10-10 1/2	1 1/2	69	10-10 1/2	1 1/2
BR	10-10 1/2	1 1/2	70	10-10 1/2	1 1/2
BS	10-10 1/2	1 1/2	71	10-10 1/2	1 1/2
BT	10-10 1/2	1 1/2	72	10-10 1/2	1 1/2
BU	10-10 1/2	1 1/2	73	10-10 1/2	1 1/2
BV	10-10 1/2	1 1/2	74	10-10 1/2	1 1/2
BW	10-10 1/2	1 1/2	75	10-10 1/2	1 1/2
BX	10-10 1/2	1 1/2	76	10-10 1/2	1 1/2
BY	10-10 1/2	1 1/2	77	10-10 1/2	1 1/2
BZ	10-10 1/2	1 1/2	78	10-10 1/2	1 1/2
CA	10-10 1/2	1 1/2	79	10-10 1/2	1 1/2
CB	10-10 1/2	1 1/2	80	10-10 1/2	1 1/2
CC	10-10 1/2	1 1/2	81	10-10 1/2	1 1/2
CD	10-10 1/2	1 1/2	82	10-10 1/2	1 1/2
CE	10-10 1/2	1 1/2	83	10-10 1/2	1 1/2
CF	10-10 1/2	1 1/2	84	10-10 1/2	1 1/2
CG	10-10 1/2	1 1/2	85	10-10 1/2	1 1/2
CH	10-10 1/2	1 1/2	86	10-10 1/2	1 1/2
CI	10-10 1/2	1 1/2	87	10-10 1/2	1 1/2
CJ	10-10 1/2	1 1/2	88	10-10 1/2	1 1/2
CK	10-10 1/2	1 1/2	89	10-10 1/2	1 1/2
CL	10-10 1/2	1 1/2	90	10-10 1/2	1 1/2
CM	10-10 1/2	1 1/2	91	10-10 1/2	1 1/2
CN	10-10 1/2	1 1/2	92	10-10 1/2	1 1/2
CO	10-10 1/2	1 1/2	93	10-10 1/2	1 1/2
CP	10-10 1/2	1 1/2	94	10-10 1/2	1 1/2
CQ	10-10 1/2	1 1/2	95	10-10 1/2	1 1/2
CR	10-10 1/2	1 1/2	96	10-10 1/2	1 1/2
CS	10-10 1/2	1 1/2	97	10-10 1/2	1 1/2
CT	10-10 1/2	1 1/2	98	10-10 1/2	1 1/2
CU	10-10 1/2	1 1/2	99	10-10 1/2	1 1/2
CV	10-10 1/2	1 1/2	100	10-10 1/2	1 1/2
CW	10-10 1/2	1 1/2	101	10-10 1/2	1 1/2
CX	10-10 1/2	1 1/2	102	10-10 1/2	1 1/2
CY	10-10 1/2	1 1/2	103	10-10 1/2	1 1/2
CZ	10-10 1/2	1 1/2	104	10-10 1/2	1 1/2
DA	10-10 1/2	1 1/2	105	10-10 1/2	1 1/2
DB	10-10 1/2	1 1/2	106	10-10 1/2	1 1/2
DC	10-10 1/2	1 1/2	107	10-10 1/2	1 1/2
DD	10-10 1/2	1 1/2	108	10-10 1/2	1 1/2
DE	10-10 1/2	1 1/2	109	10-10 1/2	1 1/2
DF	10-10 1/2	1 1/2	110	10-10 1/2	1 1/2
DG	10-10 1/2	1 1/2	111	10-10 1/2	1 1/2
DH	10-10 1/2	1 1/2	112	10-10 1/2	1 1/2
DI	10-10 1/2	1 1/2	113	10-10 1/2	1 1/2
DJ	10-10 1/2	1 1/2	114	10-10 1/2	1 1/2
DK	10-10 1/2	1 1/2	115	10-10 1/2	1 1/2
DL	10-10 1/2	1 1/2	116	10-10 1/2	1 1/2
DM	10-10 1/2	1 1/2	117	10-10 1/2	1 1/2
DN	10-10 1/2	1 1/2	118	10-10 1/2	1 1/2
DO	10-10 1/2	1 1/2	119	10-10 1/2	1 1/2
DP	10-10 1/2	1 1/2	120	10-10 1/2	1 1/2
DQ	10-10 1/2	1 1/2	121	10-10 1/2	1 1/2
DR	10-10 1/2	1 1/2	122	10-10 1/2	1 1/2
DS	10-10 1/2	1 1/2	123	10-10 1/2	1 1/2
DT	10-10 1/2	1 1/2	124	10-10 1/2	1 1/2
DU	10-10 1/2	1 1/2	125	10-10 1/2	1 1/2
DV	10-10 1/2	1 1/2	126	10-10 1/2	1 1/2
DW	10-10 1/2	1 1/2	127	10-10 1/2	1 1/2
DX	10-10 1/2	1 1/2	128	10-10 1/2	1 1/2
DY	10-10 1/2	1 1/2	129	10-10 1/2	1 1/2
DZ	10-10 1/2	1 1/2	130	10-10 1/2	1 1/2
EA	10-10 1/2	1 1/2	131	10-10 1/2	1 1/2
EB	10-10 1/2	1 1/2	132	10-10 1/2	1 1/2
EC	10-10 1/2	1 1/2	133	10-10 1/2	1 1/2
ED	10-10 1/2	1 1/2	134	10-10 1/2	1 1/2
EE	10-10 1/2	1 1/2	135	10-10 1/2	1 1/2
EF	10-10 1/2	1 1/2	136	10-10 1/2	1 1/2
EG	10-10 1/2	1 1/2	137	10-10 1/2	1 1/2
EH	10-10 1/2	1 1/2	138	10-10 1/2	1 1/2
EI	10-10 1/2	1 1/2	139	10-10 1/2	1 1/2
EJ	10-10 1/2	1 1/2	140	10-10 1/2	1 1/2
EK	10-10 1/2	1 1/2	141	10-10 1/2	1 1/2
EL	10-10 1/2	1 1/2	142	10-10 1/2	1 1/2
EM	10-10 1/2	1 1/2	143	10-10 1/2	1 1/2
EN	10-10 1/2	1 1/2	144	10-10 1/2	1 1/2
EO	10-10 1/2	1 1/2	145	10-10 1/2	1 1/2
EP	10-10 1/2	1 1/2	146	10-10 1/2	1 1/2
EQ	10-10 1/2	1 1/2	147	10-10 1/2	1 1/2
ER	10-10 1/2	1 1/2	148	10-10 1/2	1 1/2
ES	10-10 1/2	1 1/2	149	10-10 1/2	1 1/2
ET	10-10 1/2	1 1/2	150	10-10 1/2	1 1/2
EU	10-10 1/2	1 1/2	151	10-10 1/2	1 1/2
EV	10-10 1/2	1 1/2	152	10-10 1/2	1 1/2
EW	10-10 1/2	1 1/2	153	10-10 1/2	1 1/2
EX	10-10 1/2	1 1/2	154	10-10 1/2	1 1/2
EY	10-10 1/2	1 1/2	155	10-10 1/2	1 1/2
EZ	10-10 1/2	1 1/2	156	10-10 1/2	1 1/2
FA	10-10 1/2	1 1/2	157	10-10 1/2	1 1/2
FB	10-10 1/2	1 1/2	158	10-10 1/2	1 1/2
FC	10-10 1/2	1 1/2	159	10-10 1/2	1 1/2
FD	10-10 1/2	1 1/2	160	10-10 1/2	1 1/2
FE	10-10 1/2	1 1/2	161	10-10 1/2	1 1/2
FF	10-10 1/2	1 1/2	162	10-10 1/2	1 1/2
FG	10-10 1/2	1 1/2	163	10-10 1/2	1 1/2
FH	10-10 1/2	1 1/2	164	10-10 1/2	1 1/2
FI	10-10 1/2	1 1/2	165	10-10 1/2	1 1/2
FJ	10-10 1/2	1 1/2	166	10-10 1/2	1 1/2</



Lungs  $\frac{1}{2}$  606

Clarks C 830



$\frac{1}{2}$  "Dunkeld"

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