

ES EACH =  $4.639 = 4\frac{15}{23}$  FULL

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LATE SECTION = 67.6%

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PER " = 43.4%

SHELL PLATES •  $1\frac{1}{2}$ " THICK  
INNER BUTT STRAPS  $1\frac{3}{8}$ " "  
OUTER " "  $1\frac{1}{8}$ " "  
FACTOR OF SAFETY 4.5  
WORKING PRESS = 200 LBS.<sup>2</sup>  
TEST " = 350 "

ALL HOLES DRILLED IN POSITION.  
PLATE EDGES PLANED AND CAULKED  
BOTH INSIDE AND OUTSIDE.

HEATING SURFACE IN TUBES	2210	59 FT.
" " " FURNACES	198	" "
" " " BOY BAGS	88	" "
" " " RIDES	200	" "
" " " BACK TUBE PLATE	58	" "
TOTAL HEATING SURF IN OIL BOILER	2756	54 FT.
" " " " " " " " " " " "	8256	50 FT.
" " " " " " " " " " " "	3	" "

FORCED DRAUGHT WITH OIL FUEL.  
SUPERHEATERS FITTED IN TUBES.  
CLEAR AREA THRO TUBES 18.6 SQ. FT. PER BOILER  
ONE PAIR OF SAFETY VALVES  $3\frac{3}{4}$  DIA.

STEEL STAYS 2 $\frac{3}{4}$ " DIA. IN BOO  
SWELLED AT ENDS TO 3" DIA.  
FOR 8 AND SCREWED @ THDS.  
OUTSIDE NUT 3" DEEP  
INSIDE " 18 "

B.A. + B.F.  
482.3.

BOILERS Nos. 482. SS. 282

WORKING PRESS = 200 LBS<sup>2</sup>  
TO PASS LLOYDS SURVEY.

SCALE 1" = 1 FT. 9<sup>th</sup> Feb. 1928

Drawn By J. Baxter  
Traced By A.E. Hill



PLAN OF MAIN BOILERS.

CALEDON S. B. & E. CO. LD,

ENGS. & BLRS. No. 482,

S. S. No. 282.

DUNDEE RPT. No. 8400.

Sl. "British Commander"



No 993

LLOYDS TEST

350 LBS

W.P. 200 LBS

27-1-22. J.H.M.

RETAIN

RETAIN

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Lloyd's Register  
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