

HORIZONTAL FLUE TUBES

LLOYDS.
 PLATE. $\frac{2.167 \times 11.75}{2.167} \times 100 = 66.7\%$
 RIVETS. $\frac{28 \times 2.291 \times 2.291}{28 \times 2.291 \times 3.75} \times 100 = 80\%$
 FRONT TUBE PLATE $\frac{4.25 \times 2.625}{4.25} \times 100 = 39.2\%$
 BACK TUBE PLATE $\frac{4.25 \times 2.5}{2.5} \times 100 = 41.1\%$
 SHELL $\frac{(2.5 \times 28 \times 66.7)}{2.5 \times 39} = 165.1\%$
 FRONT TUBE PLATE $\frac{(7.7 \times 26 \times 38.2)}{2.9 \times 2 \times 17.75} = 144.5\%$
 BACK TUBE PLATE $\frac{(7.7 \times 2 \times 4.1)}{2.5 \times 2 \times 14.75} = 186.1\%$
 FURNACE ROOM $\frac{275 \times (16-1)}{275 \times (16-1)} = 235.7\%$
 FORCE SOPS $\frac{1450 \times (15-11.2)}{(17.5 \times 24) \times 32.875} = 209.5\%$
 " $\frac{30}{32.875 \times 10 (15-1) - 17.5} = 187.1\%$
 " $\frac{140.15 - 11.2}{30 \times (39 - 38.5)} = 127.8\%$

Drawing №15096:

COCHRAN & CO ANNAN LTD
ENGINEERS & BOILERMAKERS
ANNAN SCOTLAND

148-0130

COCHRAN & CO., ANNAN, LD.

Boiler No. 10098

Drawing No. 15096

W.P. = 120 lbs

GLASGOW REPORT No 46401

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Trieste Rpt. 7762

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Foundation