

## COCHRAN PATENT VERTICAL MULTITUBULAR BOILER

approved 16-6-13.

PATENT BOILER N° 6801.

$$\underline{4' - 6'' \times 10' - 0'' \times 160 \frac{\text{lb}}{\text{sq ft}} \times 100 \text{ LBS.}}$$

SCALE  $1\frac{1}{2}$  INCH TO 1 FOOT.

SIEMENS MARTIN MILD STEEL PLATES.

TENSILE TESTS.

PLATES EXPOSED TO FLAME OR FLANGED EXCEPT FACE CROWN 26 TO 30 TONS

FURNACE CROWN ----- 26 TO 29 TONS

COCHRAN & CO ANNAN

## ENGINEERS & BOILERMAKERS

ANNAN, SCOTLAND.

DRAWING N° 9554

W4-0199

STANDARD.  
SURVEY - LLOYDS.

BOARD OF TRADE			
	21375	71875	
PLATE	2375	$\times 100$	= 69.7%
RIVETS	23 $\times$ 455 $\times$ 2 $\times$ 4.9	$\times 100$	= 8129%
FRONT TUBE PLATE	4 $\times$ 2 $\times$ 215	$\times 100$	= 35.15%
BACK TUBE PLATE	2 $\times$ 2 $\times$ 215	$\times 100$	= 37.5%
SHOUL	28 $\times$ 24 $\times$ 63 $\times$ 2 $\times$ 75	=	1239 LBS
FRONT TUBE PLATE	2 $\times$ 2 $\times$ 15 $\times$ 58 $\times$ 75	$\times 100$	= 1369 LBS
BACK TUBE PLATE	2 $\times$ 2 $\times$ 15 $\times$ 58 $\times$ 75	$\times 100$	= 1764 LBS
FRONT	15	=	155 LBS



DR N<sup>o</sup> 9554

6801

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COCHRAN & Co., ANNAN, LD.

Boiler No. 6801

Drawing No. 9554.

GLASGOW REPORT No. 34987



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