

18.4.99

SCALE 1" = 1 FT

To be filled with Howden's Forced Draught.

Shell plates to have a tensile strength of	27 to 30 tons.
Main stays " " " " "	27 to 32 tons.
Other plates & stay bars " " "	26 to 30 tons.

Manhole Compensation.

Section through wing furnaces

$1\frac{11}{32}$ thick

$1\frac{1}{4}$ thick

16' - 0" mean dia.

$\frac{24}{32}$ thick

12' - 0'

Section thro. Furnace Butt shape

Section through bottom manhole

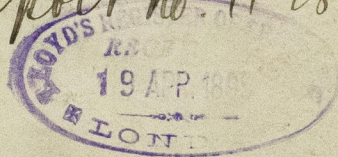
Section at A. B.

$\frac{1}{8}$ " cernat slays
 $\frac{1}{8}$ " slay
 $9"$
 $5\frac{1}{2}"$ $10\frac{1}{2}"$ $10\frac{1}{2}"$ $13\frac{1}{2}"$ $10\frac{1}{2}"$ $10\frac{1}{2}"$ $10\frac{1}{2}"$ $10\frac{1}{2}"$
 $9"$ $5\frac{1}{2}"$
 $1\frac{1}{2}$ " slays screwed 11 threads per inch.
 Eff dia = 1.655 Eff area = 2.006 sq. in.
 $9"$
 $11\frac{1}{2}"$ $9\frac{3}{4}"$ $7\frac{1}{2}"$
 $10\frac{1}{2}"$ $5\frac{1}{2}"$ $10\frac{1}{2}"$ $10\frac{1}{2}"$
 $8"$ $8"$ $7"$
 $5\frac{1}{2}"$ $5\frac{1}{2}"$ $7\frac{1}{2}"$ $9\frac{3}{4}"$ $10\frac{1}{2}"$
 $2\frac{1}{2}"$ slays
 $16" \times 12"$ machined
 $11\frac{1}{2}"$
 $2\frac{1}{2}"$ slay
 $10\frac{1}{2}"$ $11\frac{1}{2}"$
 $8\frac{1}{2}"$ $8\frac{1}{4}"$ $8\frac{1}{4}"$ $8\frac{1}{4}"$
 $2\frac{1}{2}"$ slay
 Lows washed 8 dia
 J.B.

28.
20.4.99.

240. 50/3

Dr. Gray 803 No 613
2 off No. P. 100 lb
Horden Drags
S.S. "Coristan"
HPL Report No. 11 285



24 5 5
Lloyd's Reg
320 lb
18. 6. 00

HPL 390-0047



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