

$$\text{Rivets } \frac{1.35 \times 5 + 1.75 \times 85}{8.8125 \times 1.281} = 89 \quad \left| \quad \text{Plate } \frac{7.5}{8.8125} = 85.2 \right.$$

$$\text{Shell } \frac{22 \times 18.5 \times 85.2 \times 29.5}{176 \times 28} = 208$$

$$\text{Turnaces } \frac{1259 \times 7}{46} = 191$$

$$\text{CC sides } \frac{135 \times 144}{97.5} = 199$$

$$\text{" Backs } \frac{135 \times 132}{92.5} = 192$$

$$\text{Screw Stay } \frac{9000 \times 2.03}{97.5} = 187$$

$$\text{Tiplends } \frac{175 + 530}{23 \frac{1}{2} + 80 \frac{1}{2}} = 193$$

$$\text{Main Stay } \frac{102100 \times 8.95}{441} = 211$$

$$\text{Back br. } \frac{135 \times 225}{15^2 + 10^2 - 162.5} = 187$$

$$\text{mm space } \frac{150 \times 232}{189} = 184$$

$$\text{Girders } \frac{106600 \times 765 \times 1.75 \times 29.5}{24.625 \times 9.75 \times 34.375 \times 28} = 182$$