

$$\text{Rivets} - \frac{123 \times 5 \times 85 + 175}{8.5 \times 1.156} = 93 \quad \left| \quad \text{Plate} = \frac{7.25}{8.5} = 85.3 \right.$$

$$\text{Shell} \quad \frac{22 \times 16.5 \times 85.3 \times 29.75}{180 \times 28} = 182$$

$$\text{Furnace} - \frac{1259 \times 6.75}{46.25} = 183$$

$$\text{CCs} \quad \frac{135 \times 121}{90.5} = 180$$

$$\text{Screw stays} \quad \frac{9000 \times 2.03}{90} = 203$$

$$\text{Back top runners} \quad \frac{9000 \times 2.71}{134} = 182$$

$$\text{Top ends} \quad \frac{185 \times 420}{431} = 180$$

$$\text{Main stay} \quad \frac{10400 \times 7.85}{430} = 190$$

$$\text{Back bar} \quad \frac{135 \times 182}{\frac{1}{2} \left( \frac{1215^2}{16} + 10^2 \right)} = 183$$

$$\text{W.V. spaces} \quad \frac{150 \times 214}{175} = 186$$

$$\text{Girders} - \frac{10660 \times 66 \times 29.75 \times 1.5}{20.5625 \times 10 \times 20.5625 \times 28} = 184$$