

| Dimensions in feet inches | | | Intended for | Sample number Charge number | Tensile tenacity | | | Elongation in 200 mm % | Bending tests | | Remarks |
|------------------------------|-------------------|------------------|------------------|--------------------------------------|------------------|---------------|-------------|------------------------------|---------------|-----------------|---------|
| Length | Breadth | Thick- ness | | | As per Rules | Order act. | By Test. | | Good | Temp. pered. | |
| 23'-0 $\frac{1}{2}$ | 128 $\frac{1}{2}$ | 1 $\frac{1}{16}$ | Shell plate | 1786 3640 | | 44/50 | 44.1 | 32 | good | good | |
| | | | | 1816 3122 | | " | 44.5 | 25 | " | " | |
| 10'-8 $\frac{1}{4}$ | 22 $\frac{1}{4}$ | 1 $\frac{3}{32}$ | Butt strap | 122 3495 | | " | 46.5 | 28 | " | " | |
| 9'-4 $\frac{1}{4}$ | " | 1 $\frac{1}{32}$ | " | 1606 3435 | | " | 46.5 | 24 | " | " | |
| 3'-1" | 13 $\frac{1}{4}$ | $\frac{1}{8}$ | Girders | 50 3462 | | " | 44.1 | 24 | " | " | |
| " | " | " | " | 63 " | | " | 46.5 | 29 | " | " | |
| 18'-2" | 32 $\frac{1}{4}$ | 21/32 | Firebox wrapper | 120 3580 | | 44 1/2 | 43.6 | 25 | " | " | |
| 14'-6" | " | " | " | 125 3480 | | " | 44.2 | 26 | " | " | |
| " | " | " | " | 54 " | | " | 44.6 | 24 | " | " | |
| 6'-9" | 32" | $\frac{1}{8}$ | Firebox Bottom | 34 3449 | | " | 41.6 | 26 | " | " | |
| 5'-3" | " | " | " | 43 3480 | | " | 44.0 | 30 | " | " | |
| 10'-1" | 54" | 3/4 | Firebox Lute pl. | 108 " | | " | 43.9 | 26 | " | " | |
| 8'-3 $\frac{3}{4}$ | 63 $\frac{1}{2}$ | " | " | 158 " | | " | 44.5 | 30 | " | " | |
| 10'-1" | 54" | 21/32 | Firebox back pl. | 104 " | | " | 44.4 | 28 | " | " | |
| 8'-3 $\frac{3}{4}$ | 63 $\frac{1}{2}$ | " | " | 161 " | | " | 44.6 | 31 | " | " | |
| Yo sketch | | 1 $\frac{1}{16}$ | Front end top | 52 3486 | | " | 41.0 | 26 | " | " | |
| " | | " | Back end top | 162 3529 | | " | 42.5 | 29 | " | " | |
| " | | $\frac{1}{8}$ | Front end Blm | 1216 3586 | | " | 41.6 | 32 | " | " | |
| " | | 53/64 | Back end Blm | 1016 3580 | | " | 42.6 | 30 | " | " | |

extract from Dusseldorf Steel Test Certificate dated 4th Feb 1927
presenting material made by
Eisen- & Stahlwerke Abt. Aug. Thyssen Hütte of Mülheim Ruhr
for W. Rowan & Co boilers No 859 fitted in S.S. "CYMBELINE"
certificate marked:- 18/777. Order 15067/484M.
(and signed) MAX KELLNER.

This extract represents the material actually used for W. Rowan
boilers No. 859. The balance for 2 main boilers and a donkey boiler
is put into stock.