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C6161

From STEWARTS AND LLOYDS, LIMITED, COATBRIDGE

To Messrs Swan Hunter & Wigham Richardson Limited.
Order D. 16234 of 11th December 24.

Derricks made from Lapd. Steel Tube in three sections, cressed and shrunk together for 18" at joints when hot, each having flat plate welded in at top:-

TWO derricks each 33ft.10" long comprising:-

1 - $9\frac{1}{2}$ "o/d x 10ft.0" x $\frac{3}{8}$ " thick.
1 - $10\frac{1}{2}$ "o/d x 18ft.0" x $\frac{5}{16}$ "thick.
1 - $9\frac{1}{2}$ "o/d x 8ft.4" x $\frac{5}{16}$ "thick.
Test to 445 lbs. per square inch.

TWO derricks each 38ft.1" long comprising:-

1 - $9\frac{1}{2}$ "o/d x 11ft.0" x $\frac{3}{8}$ " thick.
1 - $10\frac{1}{2}$ "o/d x 20ft.9" x $\frac{5}{16}$ "thick.
1 - $9\frac{1}{2}$ "o/d x 9ft.4" x $\frac{5}{16}$ "thick.
Test to 350 lbs. per square inch.

TWO derricks each 40ft.10" long comprising:-

1 - $9\frac{1}{2}$ "o/d x 11ft.9" x $\frac{3}{8}$ " thick.
1 - $10\frac{1}{2}$ "o/d x 20ft.0" x $\frac{5}{16}$ "thick.
1 - $9\frac{1}{2}$ "o/d x 10ft.1" x $\frac{5}{16}$ "thick.
Test to 310 lbs. per square inch.

TWO derricks 35ft.7" long comprising:-

1 - $9\frac{1}{2}$ "o/d x 10ft.6" x $\frac{3}{8}$ " thick.
1 - $10\frac{1}{2}$ "o/d x 19ft.3" x $\frac{5}{16}$ "thick.
1 - $9\frac{1}{2}$ "o/d x 8ft.10" x $\frac{5}{16}$ " thick.
Test to 405 lbs. per square inch.

All above for 6 ton loads.

TWO derricks 23ft.6" long comprising:-

1 - $5\frac{1}{2}$ "o/d x 5ft.9" x $\frac{1}{4}$ " thick.
1 - $6\frac{1}{2}$ "o/d x 15ft.6" x $\frac{1}{4}$ " thick.
1 - $5\frac{1}{2}$ "o/d x 5ft.3" x $\frac{1}{4}$ " thick.
Test to 165 lbs. per square inch.
Above for 3 ton loads.

Test on a 24" ram. Sand test certificate.

Made from material having an ultimate tensile strength of 26/32 tons per square inch.



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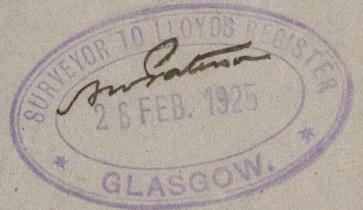
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To (2)

Derricks allow a factor of safety of 5, and tested horizontally in an hydraulic press to an axial load equal to 90% of the calculated collapsing strength - this test to relieve us of further responsibility.

To Lloyds tests, requirements and inspection. Material tested at steel works - compression tests at tube works.

For Ship No. "1267"



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