

Cert. 6

LLOYD'S REGISTER OF SHIPPING

CERTIFICATE FOR SHIP/ENGINE FORGINGS/CASTINGS

(Delete wording not applicable)

Port	Sydney, N.S.W.	Certificate No.	9046
Made by	Overall Forge Pty.Ltd.	Despatched to	Glebe
Customer	Holland Engineering Ltd.	Order No.	5747
Ship/ Engine F.E. Port		Customer	17
For existing ships Name of ship	Westminster Dredge WD Atlas	F.E. Rpt. No.	
		Repair port Rpt. 8/X No.	Whyalla, S.A. 871.

Description	Rudder Stock 12 $\frac{1}{2}$ " D x 3" x 5 $\frac{1}{2}$ " D : Bolts
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Particulars of heat treatment	Annealed
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Material	M.S. to Lloyd's Requirments 28/32 T.T.
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Weight (state if "as forged", "rough machined", etc.)	A.F. 880 lbs.
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Particulars of test

Yield tons/ in² kg/mm²	18.2	21.4
Ultimate tons/ in² kg/mm²	30.4	29.9
Elongation % on 4 \sqrt{A}	39	33
Reduction of area, %	67	45
Bend (state angle, radius & size of test piece)	180°, $\frac{1}{2}$ T, 1" x $\frac{3}{4}$	

Impact (state type)	:
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Hardness (state type)	:
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Magnetic crack detection	
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Other tests	
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Rules and Regulations of the Society, which provide that:—

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The material described overleaf has been examined, finished machined, on 4th May, 1966 found satisfactory so far as could be seen and stamped for identification:—

Lloyd's Sydney No. 1915
4th Mzy, 1966 JHJ.

Fee \$ 10

Despatched to

Whyalla, S.A.

Expenses \$ 1

For installation in

Westminster Dredge WD
Atlas

Port Sydney, N.S.W.

Date

J.H. Jamieson

Surveyor to Lloyd's Register of Shipping

J.H.JAMIESON.



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