

COPY.

s/s "Riding Mountain Park."

S.C.J. 544.

## Lloyd's Register of Shipping.

Port TORONTO, CANADASeptember 28th, 1943.

This is to Certify that

E. E. Robison

the undersigned Surveyor to this Society did at the request of the Canada Foundries & Forgings Ltd., attend at their Works at Welland, Ontario, on September 2nd, and 17th, 1943, for the purpose of witnessing the testing of the under-mentioned Steel Forgings, to order No. 792 of St. John Dry Dock & Shipbuilding Company, St. John, N.B.

Lloyd's No.	No. of Pieces	Description	Dimensions	Total Weight Lbs.
7481	1	Rudder Main Piece	8" x 12'-2"	2055
7482	1	Rudder Stock	8-1/4" x 10'-6 1/2"	2320
7630	1	Rudder Arms	5'-0 1/8"	800
7631	1	" "	7'-7 1/8"	1075
7632	1	" "	5'-0 1/8"	775
	<u>5</u>			<u>7025</u>

Test pieces taken from the forgings were subjected to the tensile and bend tests prescribed in the Rules of this Society with satisfactory results. The results of tests were as follows:

Lloyd's No.	Heat No.	Lbs. per Sq. Inch		Extension on 2" %	Reduction of area %
		Yield Point	Ultimate Tensile		
7481	4A849	47320	78200	31	52.8
7482	4A849	53640	80000	29.0	48.7
7630	1199	50920	73720	35	59.5
7631	1199	50920	73720	35	59.5
7632	1199	50920	73720	35	59.5

Bend tests through 180 degrees without fracture.

The forgings were annealed, rough turned, with the exception of the three Rudder Arms which were black forged, and so far as could be seen, were sound and free from defects.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."



The following marks have been stamped on the forgings for identification:

LLOYDS  
7481  
E.E.R.2.9.43

LLOYDS  
7482  
E.E.R.2.9.43

LLOYDS  
7630 to 7632  
E.E.R.17.9.43

E. E. Robinson  
Surveyor to Lloyd's Register  
*per*



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Lloyd's Register  
Foundation

W1011-0386<sup>2/2</sup>