

COPY.

Lloyd's Register of Shipping.



Port MONTREAL, CANADA

May 16th, 1946

This is to Certify that

A. Shade, Acting in behalf of

the undersigned Surveyor to this Society did at the request of the Canada Foundries & Forgings Ltd., attend at their Works at Solland, Ontario, on April 16th, 17th and 4th, 1946, for the purpose of witnessing the testing of the under-mentioned Steel Forgings, to order No. 5632 of Wartize Shipbuilding Ltd., Montreal, Que., c/o Horton Engineering & Dry Dock Co. Ltd., Quebec, P.Q.

| Lloyd's No. | No. of Pieces | Description | Dimensions | Total Weight Lbs. |
|--------------|---------------|---------------------|-------------------------|-------------------|
| - | 48 | Bolts & Nuts | 1 1/2" dia. x 5-1/2" | 96 |
| 4716 to 4718 | 3 | Intermediate Shafts | 9 1/2" dia. x 8'-6 5/8" | 5280 |
| | 51 | | | 5376 |

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 | | |
| - | - | 51840 | 83520 | 33 | 52.4 |
| 4716 | 5340 | 46440 | 75320 | 36 | 61.5 |
| 4717-18 | 5340 | 47440 | 77400 | 28 | 56.2 |
| " | " | 47840 | 77520 | 35 | 57.6 |

Bend tests through 180 degrees without fracture.

The forgings were annealed, rough turned, and so far as could be seen, they were sound and free from defects.

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

| 48 Bolts & Nuts | 1 Inter. Shaft | 2 Inter. Shafts |
|-----------------|----------------|-----------------|
| LLOYD'S | LLOYD'S | LLOYD'S |
| A.S.4.4.46 | 4716 | 4717-18 |
| | P.C.16.4.46 | C.S.17.4.46 |

4718 - Hull 67
M/V MAYGLEN

John Stephen
Surveyor to Lloyd's Register

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."