

COPY.

Lloyd's Register of Shipping.



Port MONTREAL, Que.

March 28th, 1945.

CERTIFICATE NO. 8336

This is to Certify that

H.G.L. PILDITCH

the undersigned Surveyor to this Society did at the request of SOREL STEEL FOUNDRIES LIMITED, SOREL, P.Q., examine and test at their Works on the 27th March, 1945, ONE (1) Cast Steel BOWER ANCHOR of the stockless type, weighing 7526 lbs. (head 5692 lbs., shank 1626 lbs., shackle and pins 208 lbs.) and, so far as could be ascertained, found to be good castings.

After the HEAD and SHANK had been dropped, separately, from a clear height of 12 feet on to an iron slab, they were hammered, whilst suspended, and gave no indication of defects.

Satisfactory tensile and bend tests were made from test pieces cast with the ANCHOR parts, as follows:-

	Ultimate Tensile lbs. per sq. in.	Yield lbs. per sq. in.	Point on 2 inches	Extension %	Reduction of Area %
<u>TENSILE TESTS:</u>					
HEAD	65,600	40,800		29.0	39.2
SHANK	64,800	37,600		34.0	26.1
<u>BEND TESTS:</u>	120° without fracture.				

This ANCHOR has been made for "Canadian" Type 10,000 Ton CARGO VESSEL, to the Order of Wartime Shipbuilding Limited, Order No. 1419, Req. CAN.442, dated February 9, 1944, and is marked:-

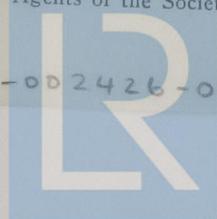
Annealed Steel (HEAD) L.R.
5692 lbs.
H.G.L.P. 8336
27-3-45

(SHANK) L.R.
1626 lbs.
H.G.L.P. 8336
27-3-45

In view of the satisfactory nature of the above tests, it is recommended that this ANCHOR be accepted for use in Vessels classed with the Society, subject to a suitable notation on account of the statutory tests not having been made.

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."



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CERTIFICATE NO. 8336

March 28th, 1945.

MONTREAL, Que.

Port

This is to Certify that

H.G.I. PILDITCH

the undersigned Surveyor to this Society did at the request of
 SOME STEEL FOUNDRIES LIMITED, SOREL, P.Q., examine and test
 at their works on the 27th March, 1945, ONE (1) Cast Steel
 BOWEN ANCHOR of the stockless type, weighing 7526 lbs. (head
 5692 lbs., shank 1834 lbs., shackle and pins 208 lbs.) and
 so far as could be ascertained, found to be good castings.

After the HEAD and SHANK had been dropped,
 separately, from a clear height of 12 feet on to an iron slab,
 they were hammered, whilst suspended, and gave no indication
 of defects.

Satisfactory tensile and bend tests were made
 from test pieces cast with the ANCHOR parts, as follows:-

Ultimate Tensile Yield Point Extension & Reduction
 lbs. per sq. in. lbs. per sq. in. on 2 inches of Area %

TENSILE TESTS:	
HEAD	65,600 40,800 29.0 29.2
SHANK	64,800 37,600 34.0 26.1

BEND TESTS: 120° without fracture.

This ANCHOR has been made for "Canadian" Type
 10,000 Ton CARGO VESSEL, to the Order of War-time Shipbuilding
 Limited, Order No. 1419, Red. CAN. 442, dated February 9, 1944,
 and is marked:-

Annulated Steel (HEAD) L.R. 5692 lbs.
 H.G.I.P. 8336 27-3-45

(SHANK) L.R. 1834 lbs.
 H.G.I.P. 8336 27-3-45

In view of the satisfactory nature of the above
 tests, it is recommended that this ANCHOR be accepted for use
 in Vessels classed with the Society, subject to a suitable
 notation on account of the statutory tests not having been made.

[Signature]
 SURVEYOR TO LLOYD'S REGISTER.

The Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-
 "The Committee of the Society use their best endeavours to ensure that the functions of the Society are properly
 executed and that the Society is under any circumstances
 exempted from any liability 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."



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