

COPY.

# Lloyd's Register of Shipping.



Port MONTRÉAL, Que.

March 28th, 1945.

CERTIFICATE NO. 8338

**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 STREAM ANCHOR of the stockless type, weighing 2673 lbs. (head 1972 lbs., shank 623 lbs., shackle and pins 78 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 and 15 feet, respectively, 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 % of Area
<u>TENSILE TESTS:</u>				
HEAD	69,600	48,400	31.0	43.2
SHANK	76,800	42,800	25.0	43.2

BEND TESTS:

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.  
1972 lbs.  
H.G.L.P. 8338  
27-3-45

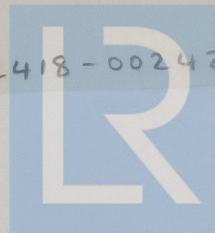
(SHANK) L.R.  
623 lbs.  
H.G.L.P. 8338  
27-3-45

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.

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."







CERTIFICATE NO. 8338

March 28th, 1945.

MONTREAL, Que.

Port

Lloyd's Register of Shipping.

COPY.

This is to Certify that

H.G.L.P. BILDITCH

the undersigned Surveyor to this Society did at the request of SORREL STEEL FOUNDRIES LIMITED, SORREL, P.Q., examine and test at their Works on the 27th March, 1945, ONE (1) Cast Steel STREAM ANCHOR of the stockless type, weighing 2673 lbs. (head 1972 lbs., shank 623 lbs., shackle and pins 78 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 and 15 feet, respectively, 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:-

TENSILE TESTS:			
SHANK	76,800	42,800	22.0
HEAD	69,600	48,400	31.0
Reduction of area 43.2			

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, Ref. CAN.442, dated February 9, 1944, and is marked:-

Annealed Steel (HEAD) L.R. 1972 lbs.  
H.G.L.P. 8338  
27-3-45

(SHANK) L.R. 623 lbs.  
H.G.L.P. 8338  
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 Committee 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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