

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. _____ ENGINE FORGINGS ~~CRANKSHAFTS~~

I have to report that the ~~Iron~~ ^{Forgings} Steel ~~Castings~~ as herein described, manufactured by Allis-Chalmers Mfg. Co., of West Allis, Wis. ^{Gear Unit S/O} for ~~the Engines~~ No. 4440 being constructed by The Falk Co., Mil., Wis. for Midwest Engine Company, Ind. for the Ship No. _____, being built by Federal Shipbuilding Co., of Newark, N.J. have been inspected by me as set forth below, and found to be, so far as can be seen, sound.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Forgings of ~~XXXXX~~

CHICAGO, ILLINOIS.
MARCH 28th, 1919.

Lloyd's

No. 2633, 2637, 1776, 2022, 1391,
1403019,
W.L.

H. Lawson

	H.S. Pinion CRANK SHAFT		H.S. Pinion STRAIGHT SHAFTING.		L.S. PROPELLER SHAFT
	THRUST SHAFT.		INTERMEDIATE SHAFTS.		
Material* ...	Open Hearth Steel.				
How made ...	Sieman's Process.				
Dimensions ...					
Progress on Inspection	When Forged, Rough Turned & Finished.				
Tests on Standard Test Pieces.	#2633	#2637	#1776	#2022	#1391
Tensile Test— lbs per square inch	108000	129360	90360	80840	71680
Extension per cent	23.5	21.5	26	25	30
Cold Bending Test— Angle before fracture	180°	180°	180°		180°
Dates when Inspected	7-2-19, 14-3-19.	11-2-19, 14-3-19.	17-7-18: 14-3-19.	2-12-18,	13-2-18, 14-3-19.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Expenses: \$17.50

Fee (if any chargeable) \$110.00
To be paid at Chicago.



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Foundation

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

W1129-0020