

For the information of Surveyors and the Committee only.

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. _____ Port _____)

90
90A

SHIP ~~FORGINGS OR~~ CASTINGS.

We have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by *The American Steel Casting Co. Shurlow Pa.* for the Vessel No. *HH*, being built *the Newport News S. B. & D. Co. of Newport News Va.* been inspected by *us* as set forth below, and found to be, so far as can be seen, *good and sound castings of good material.* They have successfully passed the tests for *quadrants* prescribed by the Society's Rules.

Wm. E. Muehlen A.M.M. McLaren 7 Jan '02

0 and 490.A.
W.G.M
2 12-02

QUADRANT (IN HALVES)

Philadelphia Pa

~~STERN FRAME.~~

~~RUBBER FRAME.~~

~~STEM.~~

*Open hearth steel
Cast and annealed.
As per approved plan.*

Inspection

Ready for machining

Inspected

6 and 25 Nov. and 3 Dec. 1902

OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS, OR PARTICULARS OF TESTS APPLIED TO CASTINGS.

No. 490.

tensile test = 70,200 lbs. breaking str. per square inch.

Elongation 19.7% in 8 inches

bend test = bar bent through 180° without fracture.

No. 490A.

tensile test = 75,200 lbs. breaking str. per square inch.

Elongation 8.6% in 8 inches.

bend test = bar bent through 180°.

Castings dropped, slung & hammered.

(if any chargeable) \$20.00

to be paid at *Philadelphia 29 Jan '03*

* If of Iron, state whether scrap or puddled Iron.

