

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

~~SHIP OR~~ ENGINE FORGINGS OR CASTINGS

Forgings

I have to report that the ~~Forgings or Castings~~ as herein described, manufactured by **SOCIETA' ITALIANA ACCIAIERIE CORNIGLIANO - Genoa Campi & ANSALDO S.P.A. - STABILIMENTO MECCANICO - Genoa Sampierdarena**

engines No. - being constructed by -

- for the Ship No. being built by

S/S " IRPINIA "
of

inspected by me as set forth below, and found to be, so far as can be seen, free from defects. These have been despatched to be fitted on board **above Vessel.**

ITEM	PRIMARY ONE PINION (H.P.)	PRIMARY ONE PINION (H.PP)
Designation No.	LLOYD'S GEN. 786	LLOYD'S GEN. 787
Manufacturer's Initials.	A.G.	A.G.
MaterialNi.V. ELECTRIC FURNACE STEELNi.V. ELECTRIC FURNACE STEEL
Condition	FORGED	FORGED
Treatment OIL QUENCHED AND TEMPERED OIL QUENCHED AND TEMPERED
Dimensions	TO SKETCH	TO SKETCH
Condition on Insp. ROUGH FORGED ROUGH MACHINED & FINISHED
Weight per sq. mm.	73.0	72.4
Strength per sq. mm.	79.7	86.6
Modulus on 4 d	24.0	20.0
Surface Area %	55.6	55.6
Heat Treatment	180° GOOD	180° GOOD
Impact Test 10/3000/30"	Min. 248 - Max. 255	Min. 241 - Max. 255
Strength esn. Kgm/cm2	15.0	9.6
Date	A.G. 15/9/55	A.G. 26/9/55

Date of approval of chemical analysis, physical properties and heat treatment in the special steels for reduction gearing forgings.

Sulphur print : result satisfactory.

Signature

Date, 7/12/55.

*Delete where not applicable.

© 2021 Lloyd's Register Foundation

Received at

Office on

Report on Machinery No. 21181

Port GENOA 15/22

100% GOOD	100% GOOD
0.22	0.22
0.15	0.30
1.81	2.28
0.31	1.31

ONE LION (H.P.)	ONE LION (H.P.)
100%	100%
0.22	0.22
0.15	0.30
1.81	2.28
0.31	1.31

