

Translation

CANTIERI RIUNITI DELL'ADRIATICO
FABBRICA MACCHINE S. ANDREA

Trieste, 11th November 1935

UT/12941/4

Messrs. Lloyd's Register of Shipping
Trieste.

"CONTE ROSSO". - Loeffler-Escher-Wyss Installation.

With reference to your letter of 21st ultimo and particularly to the requirement of your Society that the HP turbine casings should be cast at recognised steelworks, we have to inform you that same have been cast at the works of Messrs. Fischer, Schaffhausen, under the inspection of your Surveyor Mr. Vallis, whose certificates N° 7536 & 7537 are in our possession.

With regard to the material for the parts shown on plans G.11826 and G.11827 we beg to inform you that, according to certificates N° 7540 & 7541 received by us, the following elongations have been obtained from the tests: 26% for the material of the pinions and 15% for that of the gearwheels.

As regards the torsional shaft shown on plan 264542, Messrs. Escher Wyss have, in order to comply with your requirements, decided to make it with a constant diameter of 75 mm of the same Chrome nickel steel quality.

As verbally arranged with your Surveyor, Mr. Stuperi, we beg to give below the explanation of the symbols used in plan 264689 for the principal materials, also their characteristics:

Positions 1, 2, 11, 20. - Special chrome-molybden electric furnace cast steel, brand HTC, supplied after annealing by Messrs. Fischer Stahlwerk, having the following characteristics:

Yield Point	30 kg/sq.mm
Minimum breaking strength	50 %
Elongation on 5 diameters	15 - 20 %
Creep limit (B.B.C. method)	6 kg/sq.mm

Positions 16, 17, 18. Special chrome steel brand FPK 13, supplied by Messrs. Krupp and having the following characteristics:

Yield Point	65 kg/sq.mm
Breaking strength	85 - 100 kg/sq.mm
Elongation on 5 diameters	22 - 16 %

The pieces of these positions are specially treated at the surface, thus obtaining a Brinell hardness of 900 - 1100.

We take this opportunity to request your office to kindly use their best endeavours to receive an early reply with regard to the question of the feed pump turbine casings.

Yours &c.

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2 SIGNATURES.

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