

Lloyd's Register of Shipping.

Surveyors' Office, Winterthur.

For the information of Shipbuilders, Engineers, and Owners.

Corresponding number
of Report to the Committee.

F.867.

This is to certify, that the undermentioned **Special steel**

castings 7
forgings

ordered by **Messrs. Escher Wyss & Co.,** of **Zurich,**
for **"Conte Rosso"** and made by **Witkowitz S.W. & Messrs. G. Fischer & Co.,**
of **Witkowitz & Schaffhausen,** have been inspected by **W.G. Vallis**

the undersigned Surveyor to Lloyd's Register and that he found these castings and forgings so far as can be seen in ~~XXXXXX XXXXX~~ finished condition, to be free from defects.

2
kg. mm. 50mm.

DESCRIPTION.	XXXXXXXXXX Material	Tensile Strength per square inch	Elongation in the standard gauge length.	XXXXXXXXXXXXXXXXXXXX Cold bend tests. deg. mm.
1. Primary turbine rotor.	Cr. Ni. Mo. steel.	83.2	22.4	6898(1). 120-13 rad. broken
1. -do-	-do-	89.5	17.0	6898(2). 180- 6 - good
Primary turbine casing No.1.	Mo. cast steel.	55.1	26.8	6906(1). 150- 6 - crack
-do-	-do-	52.4	28.8	6906(2). 150- 6 - -do-
Primary turbine casing No.2.	Cast steel.	51.6	31.2	6903(1). 120-15 - good
-do-	-do-	51.4	34.6	6903(2). -do-
1. Wheel shaft.	S. M. steel.	59.0	27.0	6865. 160- 4 - crack
1. -do-	-do-	43.3	36.0	6866. 180- 4 - good
1. Gear wheel. (case hardened)	Cr. Ni. steel.	78.1	15.4	6939. 64-10 - broken
1. -do-	-do-	73.7	* 8.6	6971. 140-10 - -do-
1. Pinion. (case hardened)	Cr. Ni. steel.	93.5	13.0	6940. 100- 5 - -do-
1. -do-	-do-	97.5	8.0	6952. 50-10 - -do-
1. Torsion shaft.	Cr. Ni. steel.	78.0	27.0	7006(1). 180- 6 - good
1. -do-	-do-	77.7	27.0	7006(2). -do-
Feed pump turbine rotor.	Ni. steel.	64.4	23.0	6899(1). 180- 6 - good
-do-	-do-	66.6	23.8	6899(2). 180- 4 - crack
1. Circ. pump turbine rotor.	-do-	71.9	28.0	6900. 180- 4 - good

* Broke at gauge point.

Winterthur, 22nd October, 1935.

W.G. Vallis

Surveyor to Lloyd's Register of Shipping.

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