

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
forgings
ordered by Messrs. Escher Wyss & Co., of Zürich
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~~ ^{castings and} forgings so far as can be seen in ~~XXXXXX~~ ^{finished} condition, to be free from defects.

kg. mm². 50mm.

DESCRIPTION.	XXXXXX Material	Tensile Strength per square inch.	Elongation in the standard gauge length.	XXXXXX 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	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
do	do	43.3	36.0 ✓	6866. 180-4 - good
1. Gearwheel. (case hardened)	Cr. Ni. steel.	78.1	15.4	6939. <u>64-10</u> - broken
do	do	73.7	<u>*8.6</u>	6971. 140-10 - do
1. P. Mon. (case hardened)	Cr. Ni. steel.	93.5	13.0	6940. 100-5 - do
1. do	do	97.5	<u>8.0</u>	6952. <u>50-10</u> - 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). 180-6 -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

Parts case hardened.

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