

LLOYD'S REGISTER OF SHIPPING

SHIP-OR ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings ~~and Castings~~, as herein described, manufactured
by Messrs. Lokomo Oy of Tampere (Ref.Nr 44896)

~~for the Ship No. 201~~

~~being manufactured by~~

~~for the Ship No. 201~~ being built by Messrs.

Valmet Oy, Helsingin Telakka of Helsinki

have been inspected by me as set forth below, and found to be, so far as can be seen,
sound and free from defects. These have been despatched to Messrs. Valmet Oy,
Helsingin Telakka, Helsinki (Order No. 82041E 7.1.59).

ITEM

2 PROPELLER SHAFTS.

Identification No.	LR 23350, 23355 19.8.59.
Surveyor's Initials.	B.S.
Materials.	Electro steel
How made.	Forged
Heat treated.	Yes
Dimensions.	According drawing No.1.200.130.1
Weight.	5200 + 5200 kg = 10400 kgs.
Progress on Insp.	Roughly machined
Yield kg per sq. mm:	30.9 - 33,1 36,0 - 34,1
Ult. kg per sq. mm:	51,9 - 51,6 53,8 - 52,8
Elong. % on 100 mm gauge length(d=20,0mm):	28,0-30,0; 28,0-28,0%
Reduc. of Area %	48,2-61,0 49,6-47,4
Cold Bend.	180° satisfactory
Brinell.	142-142 152-152
Izod.	-
Final date.	19.8.1959.

These shafts have been examined
in finished condition and found
satisfactory.

P. Weber

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

Chemical analysis: 23350: C= .33%, Mn= .53%, Si= .31%, P= .018%, S= .017%
Other tests: " : 23355: C= .31%, Mn= .56%, Si= .33%, P= .020%, S= .015%

Fee:

Signature

A. Weber

Expenses:

*Delete where not applicable

Date 20.8.1959.