

S: SURVEYOR, VIENNA.

Lloyd's Register of Shipping.

M/S Kaia Knudsen *København*
No. 8178.

arks No: 17254/Pr.
st: 769
schstr. 4696
der: 3800 P.

No: 2386
4079

Surveyors' Office, VIENNA.

Material for starting an engine.

to certify, that **Hans Kolbow** the undersigned surveyor to this Society tested in
arks of **Messrs. Witkowitz Bergbau & Eisenhütten Gew.** of **Witkowitz**
annealed Siemens Martin Boiler steel **plates** specified hereunder, ordered
Messrs. A.B. Götawerken of **Göteborg**
e ship No. **454** Boiler No. **1800/01** and that the results of tests were as are set forth below.

Dimensions. in millimeters			Intended for	Sample number	Charge- number	Tensile tenacity in kg/mm ²			Elongation in 200 mm. in %.	Bending tests.		LLOYDS 4079 Remarks. HK. 27.6. 1930
Length.	Breadth.	Thick- ness.				As per rules.	Ord- ered.	By test.		Cold.	Tem- pered	
00	160	26.5	end plates	922	5237	41	41	42.0	24	g o o d		No: 10653
"	"	"	" " <i>M/S 454</i>	923	"	47	47	41.6	27	"		No: 10654
930/710	25		manhole doubl.	918	"	"	"	44.3	25	"		No: 10655
380/480	40		" cover	919	5386	44	44	44.7	24	"		- - -
						50	50					
Vienna, 30th June 1930												
<i>Hans Kolbow.</i>												
SURVEYOR TO LLOYDS REGISTER												

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default, or negligence of the Surveyors, or other Officers or Agents of the Society."

S.B.—Material with less than 26 Tons tensile strength may not be used in the construction of boilers for classed vessels, unless specially sanctioned by the Committee.

1 Ton per square inch = 1,574 Kilo per square millimeter. 1 Kilo per square millimeter = 0,635 Tons per square inch.

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Foundation

003038-003045-0108