

COPY.

Certificate No.

Lloyd's Register of Shipping.



Port of Düsseldorf

8th December, 37.

Order: 9969.

This is to Certify that

Hans Krent

the undersigned Surveyor to this Society did at the request of

Messrs. Deutsche Röhrenwerke A.G., Werk Düsseldorf

attend their Works at Düsseldorf on the 13.11. & 7.12.37

for the purpose of inspecting and testing seamless Siemens-Martin Steel

tubes, details as below, to the order of Messrs. Rheinmetall-Borsig A.G.,
Berlin-Tegel

and intended for

10% of these tubes were, in the presence of the
undersigned, tested by hydraulic pressure to 270 Atm. lbs. per square
inch and showed no signs of defect.

6 were cut up and subjected to expanding, crushing, flanging
and flattening tests with satisfactory results.

PARTICULARS OF TUBES. see attached sheet.

Number.	Length.	Diameter.	Thickness.	Description.
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H. Krent
Surveyor to Lloyd's Register.

Signed advice note attached.

XXXXX
Fee £

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

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is 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 any of its Committees or any Member thereof, or the Surveyors, or other officers or Agents of the Society."

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Specification.

No. of tubes	Outs. diam.	Thickn. of shell	Length of tubes
6	83mm	5mm	3390mm
42	83mm	5mm	3340mm
42	63,5mm	4mm	3420mm
12	63,5mm	4mm	3495mm
6	121mm	8mm	3420mm
1	95mm	3,5mm	6440mm
1	63,5mm	4mm	4760mm

Results of tests.

Sample No.	Yield Point in kg. p. sq. mm	Tensile str. in kg. p. sq. mm	Elongation in 200mm
1	32,6	51,4	18,0%
2	33,0	50,8	21,0%
3	33,8	51,0	19,5%
4	35,0	52,0	20,0%
5	33,4	51,6	24,0%
6	33,8	51,1	20,5%

For identification each tube has been marked: **LLOYDS**

H. P. ...



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Lloyd's Register
Foundation

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