

Lloyd's Register of Shipping,

(MEIKAI BUILDING)

32, AKASHI-MACHI,

KOBE, 7th August, 1928.

Cert. No. 1474.

This is to Certify that at the request of Messrs. Kawasaki Sharyo Kabushiki Kaisha, Kobe, the Open Hearth Steel ~~Forgings~~ Castings named below ~~was~~ were examined and tested at their works on 1st & 6th August, 1928,

and found to be as far as could be ascertained, sound and free from defect.

EIGHT (8) RUDDER ARMS.

Delivered in black casting condition.

Drop tests : Dropped from a height of 12 feet on to the hard ground, then suspended and hammered without indication of defect.

Test Mark	Tenacity Tons/sq in	Elongation % in 2"	Bend
KS-113	30.9	31.0	Good.
KS-114	29.1	30.0	"
KS-115	29.2	34.0	"
KS-116	29.6	31.0	"
KS-117	29.7	29.0	"
KS-118	29.8	32.0	"
KS-119	29.3	30.5	"
KS-120	30.4	32.0	"

These Rudder Arms are intended for Nagasaki Works, Mitsubishi

Zosen Kaisha Limited, Yard Nos. 456 and ~~457~~ have been stamped as follows :-

KS-113 - 120
LLOYDS No. 1474.A-H
1 - 8 - 28
A. W. LR.

Fee Yen) See
Expenses ,,) debit
note.

Surveyor to Lloyd's 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, other Officers or Agents of the Society."

Lloyd's Register of Shipping

(MEIKAI BUILDING)

32, AKASHI-MACHI,

KOBE, 17th August, 1928.

1928.

Cert. No.

This is to Certify that at the request

Messrs. Kawasaki Shipyards, Kobe,

the Open Hearth Steel Forgings or Castings named below were examined and tested at their works on 1st & 2nd August, 1928.

and found to be as far as could be ascertained, sound and free from defect.

RIGHT (S) HODDER ARMS.

Delivered in black casting condition.

Dropped from a height of 12 feet on to the hard

ground, then suspended and hammered without indication of defect.

Test Mark	Tensile in Tons	Elongation % in 2"	Bend
KS-113	30.2	31.0	Good.
KS-114	30.1	30.0	"
KS-115	30.2	34.0	"
KS-116	30.6	31.0	"
KS-117	30.7	30.0	"
KS-118	30.3	32.0	"
KS-119	30.3	30.5	"
KS-120	30.4	32.0	"

These Hodder Arms are intended for Messrs. Kawasaki Shipyards, Kobe.

and have been stamped as follows:-

KS-113 - 120
LLOYD'S No. 1474-A-H
1 - 8 - 28
A.W. 18

Fee (see)
(debit)
(note).

Surveyor to Lloyd's 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, other Officers or Agents of the Society."

00846-00822-0115

00846-00822-111



Lloyd's Register Foundation

188.0	717.10	Deep tank, forward	FO tank P&S(93-100) "	19.25	611.72
		Other tanks, if fitted,	Tunnel side F.O.tank	88.0	733.88