

COPY

Lloyd's Register of Shipping.

(UNITED WITH THE BRITISH CORPORATION REGISTER)

M-15817



Port KOBE

23rd July, 1953.

This is to Certify that

J. NONOMURA

the undersigned Surveyor to this Society did at the request of

Messrs. Sabroe Co., Ltd., of Japan attend at the works named below, at the 20th June, 1953 and subsequently for the purpose of examining and testing of the following parts of the two sets (2) of "NH3 Refrigerating Machines for Refrigerating Cargoes" intended for the Ship No. 855 being built at Mitsubishi Heavy Ind., Reorganized Ltd., Kobe Shipyard & Engine Works Kobe.

Particulars of Ref. Machine are as follows:-

Capacity	30,000 Kcal/Hr.	at cooling water temp. 32°C
Cylinder dia.	150mm	and gas expansion temp. -28°C
Stroke	125mm	
No. of cyl.	2 for 1st stage 1 for 2nd stage	
R.P.M.	500	

The following parts were examined and tested during construction and the requirements of Rules detailed below have been complied with and found satisfactory.

The brine pumps and gas condenser water cooling pumps (Motor driven horizontal volute pump) were tested under full working condition and found satisfactory.

The tests results are as follows:-

Name of Part and No.	Kind of test	Name of Surveyor	Date	Name of Work	Remark
Compressor (No. 36006)	W.T.P. 600 lbs.	S.M.	20-6-53	Nippon air Brake Co.	Good
1-cylinder	A.T.P. 300 lbs.				
1-crank case	W.T.P. 300lbs.	S.M.	20-6-53	"	"
	A.T.P. 150 "				
1-crankshaft	Material test	M.M.	26-6-53	"	"
	Rough turn				LLOYD'S
	Finish				No. K-CK319
3-Connecting rods	Material test	M.S.	22-6-53	"	Good
	finish				LLOYD'S
					No. K-F13594
					K-F-13594
					K-F 13594

(Cont'd.)

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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Compressor (No. 36007)	W.T.P. 600 lbs. A.T.P. 300 lbs.	S.M. 20-6-53	Nippon Air Brake Co.	Good
1-Cylinder				
1-Crank case	W.T.P. 300 lbs. A.T.P. 150 lbs.	M.S. 22-6-53	"	"
1-Crankshaft	Material test Rough turn finish	M.M. 26-6-53	"	LLOYD'S No. K-CK-320
3-Connecting Rod.	Material test Rough turn finish	M.S. 22-6-53	"	LLOYD'S No. K-F1359-9 K-F-1359-11 K-F-1359-12
1-Crankshaft (spare)	Material test Rough turn finish	M.S. 22-6-53	"	LLOYD'S No. K-CK 323
3-Connecting Rods (Spare)	Material test Rough turn finish	M.S. 22-6-53	"	LLOYD'S No. K-F1359-14 K-F1359-16 K-F1359-19
2-Condensers No. CAT-3610 No. CAT-3611	W.T.P. 500 lbs. A.T.P. 250 lbs.	J.N. 13-7-53	Teikoku Chuko Co.	Good
2-Brine Coolers No. BAT 3606 No. BAT 3607	W.T.P. 500 lbs. A.T.P. 250 "	M.S. 11-7-53	"	"
2-inter stage coolers No. IAT 3601 No. IAT 3602	W.T.P. 500 lbs. A.T.P. 250 lbs.	J.N. 13-7-53	"	"
4-Oil Separators 1st stage No. OAT 3610 No. OAT 3612	W.T.P. 500 lbs. A.P.T. 250 lbs.	J.N. 13-7-53	"	"
2nd stage No. OAT 3611 No. OAT 3612	W.T.P. 500 lbs. A.T.P. 250 lbs.	J.N. 13-7-53	"	"
3-Brine pumps No. 19206 No. 19207 No. 19208	W.T.P. 4 kgs. Shop trial	M.S. 22-4-53 J.N. 4-7-53	Teikoku Kikai Seisakusho	"
2- Cooling Pumps No. 19204 No. 19205	W.T.P. 4kgs. Shop trial	M.S. 22-4-53 J.N. 4-7-53	"	"

COBE Rpt.
 Survey Fee
 Expenses
 Total :

J. Hoshikawa
 Surveyor to Lloyd's Register
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