



Certificate No. TA06595M



NIPPON KAIJI KYOKAI

Certificate *OF* *TYPE APPROVAL*

Manufacturer : Kawai Electronic Innovation Systems Co., LTD
Place of manufacturing: 1-1-5 Ikuno-Nishi Ikuno-ku Osaka, Japan
Product description: LCD Display Panel
Model: KEI-15LCD, KEI-17LCD, KEI-19LCD, KEI-21LCD
Approval No.: 06 A 032
Specification & documents: As shown on the attached sheet (-1/2)
Testing items: As shown on the attached sheet (-2/2)

THIS IS TO CERTIFY that the above mentioned model of the product has been type approved with **Approval No. 06A032** by the NIPPON KAIJI KYOKAI in accordance with the requirements specified in Part 7, Chapter 1 of Guidance for the approval and type approval of materials and equipment for marine use and relevant Society's Rules.

This certificate will remain in force until the 6th November 2012.

Issued at Tokyo on the 7th November 2006.


S. Ogawa
General Manager,
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

NIPPON KAJI KYOKAI

Attached sheet - 1 / 2 to Certificate No. TA06595M

Specification & documents :

1. Ratings : AC 100 V

2. Components and reference drawings :

Components		Drawing
KEI LCD Display Panel	KEI-15LCD	NK-1521LCD-501 NK-1521LCD-502 NK-1521LCD-503
	KEI-17LCD	
	KEI-19LCD	
	KEI-21LCD	

3. Test Report :

- 1) LRS-1521LCD-503 (July 2006)
- 2) NK-1521LCD-504 (Oct. 2006)

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Attached sheet-2/2 to Certificate No. TA06595M

Testing items : Applied testing items are marked with X

ENVIRONMENTAL TESTS		Mark
External examination		X
Operation test and performance test		X
Electric power supply failure test		X
Power supply fluctuation test	Electric	X
	Pneumatic and Hydraulic	--
Insulation resistance test		X
High voltage test		--
Pressure test (Pneumatic and Hydraulic)		--
Dry heat test		X
Damp heat test		X
Vibration test		X
Inclination test		X
Cold test		X
Salt mist test		--
Electrostatic discharge immunity test		X
Radiated radio frequency immunity test		X
Conducted low frequency immunity test		X
Conducted high frequency immunity test		X
Burst/Fast transient immunity test		X
Surge immunity test		X
Radiated emission test		X
Conducted emission test		X