



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE FOR AUTOMATIC DEVICES AND EQUIPMENT

Certificate No. TA13352M

This is to certify that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 1, Part 7 of "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use" and the relevant Society's Rules.

This certificate is issued to

Manufacturer:	Autronica Fire and Security AS
Place of Manufacturing:	N-7483 Trondheim, Norway
Product description:	Integrated Fire Monitoring System
Model:	AutroMaster ISEMS ver. 4.3.x

Approval No.:	08A020
Valid until:	12 December 2018

This certificate is subject to the conditions specified in the attached sheet(s).

Issued at Tokyo on 13 September 2013.


Y. Shibata
General Manager
Machinery Department



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

NIPPON KAIJI KYOKAI

Attached sheet -1/2 to the Certificate No.TA13352M

Specification & documents:

1. Particulars: Power supply: 100 - 240 VAC

2. Components and reference drawings:

Component	Type	Reference drawing
HP Compaq 8300 Elite Convertible Minitower (CMT) PC (*)	8300Elite CMT PC	DA-14268

(*) has been type approved with Approval No. 13A001

3. Documentation and Test Reports:

Presentation System 116-P-AMASTER-ISEMS/CGB, Rev.A, 2011-11-25

Operation Manual 116-P-AMASTER-OPERATE/FGB, Rev.A, 2011-11-25

Test Report No. FD2-AM5000-N1 issued by NYK Trading Corp. on 27 March 2008

- To be continued -

Test items & approval conditions:

1. Test 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	--
	Pneumatic and Hydraulic	--
Insulation resistance test		--
High voltage test		--
Pressure test (Pneumatic and Hydraulic)		--
Dry heat test		--
Damp heat test		--
Vibration test		--
Inclination test		--
Cold test		--
Salt mist test		--
Electrostatic discharge immunity test		--
Radiated radio frequency immunity test		--
Conducted low frequency immunity test		--
Conducted high frequency immunity test		--
Burst / Fast transient immunity test		--
Surge immunity test		--
Radiated emission test		--
Conducted emission test		--
Flame retardant test		--

2. Approval condition:

The product shall be used with approved fire alarm system (Either AutoSafe 3, AutoSafe 4, AutoPrime or BS-100).

- The End -