



# NIPPON KAIJI KYOKAI

COPY

## Certificate

Certificate No.  
TA20826E(AL)

OF

### TYPE APPROVAL

Name of Product	: Autro Safe 4	
Item & Type	: Fire alarm panel	BS-420M, BS-430, BU-BV-420, BU-110, BV-110
	Controller	BC-420, BC-440
	Power Cabinet	BP-405
	Power Supply Unit	BPS-405, BPS-410
Descriptions	: See Annex.	
Testing standard	: EN 54:2001 EN 54-2:1997 +Corrigendum AC (1999) + A1 (2006) EN 54-4:1997 IEC 60092-504:2001 IEC 60092-504:2016 (Except for BU-110 and BV-110)	
Manufacturer	: Autronica Fire and Security AS Bromstadvegen 59, N-7483, Trondheim, Norway	
Documentation	: See Annex.	

THIS IS TO CERTIFY that the above type has been approved by Nippon Kaiji Kyokai with approval No. N-1095 as shown in the Annex and that products of the type will be accepted for use on ships classed with the Society as complying with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ship* and with the *International Convention for the Safety of Life at Sea 1974* as amended subject to conditional upon product verification being carried out in the presence of the surveyor of the Society.

This certificate is valid from 4 January 2017 until 3 January 2022.  
Issued at Tokyo on 17 July 2020.

NIPPON KAIJI KYOKAI

Y. Takao

General Manager

Material and Equipment Department



Initial approval date : 4 January 2012



## Descriptions &amp; Documentation

Type	Description	Documentation(Incl. Test report)
BS-420M	Fire alarm control panel	DNV TECHNICAL REPORT No.2009-3664 Rev.1 DNV TECHNICAL REPORT No.2009-3691 Rev.2 DNV TECHNICAL REPORT No.2009-3710 Rev.1 Product Datasheet 116-P-BS420/CGB Rev.B,2010-03-10 Applica Technical Report No.20887 Rev.8 Applica Technical Report No.21366 Applica Technical Report No.21439
BS-430	Operator panel	DNV TECHNICAL REPORT No.2009-3664 Rev.1 DNV TECHNICAL REPORT No.2009-3691 Rev.2 DNV TECHNICAL REPORT No.2009-3710 Rev.1 Product Datasheet 116-P-BS-430/CGB Rev.B,2010-03-10 Applica Technical Report No.21439
BU-BV-420	Repeater panel	DNV TECHNICAL REPORT No.2009-3664 Rev.1 DNV TECHNICAL REPORT No.2009-3691 Rev.2 DNV TECHNICAL REPORT No.2009-3710 Rev.1 Product Datasheet 116-P-BU-BV-420/CGB Rev.B,2010-03-10 Applica Technical Report No.20887 Rev.8 Applica Technical Report No.21439
BU-110	Fire Brigade Panel	Nemko Report No. E13284.01 Nemko Report No. E238015-2 Product Datasheet 116-P-BU-110/CGB 2014-05-16
BV-110	Information panel	Nemko Report No. E13284.01 Nemko Report No. E238015-3 Product Datasheet 116-P-BV-110/CGB 2014-05-16
BC-420	Controller	DNV TECHNICAL REPORT No.2009-3664 Rev.1 DNV TECHNICAL REPORT No.2009-3691 Rev.2 DNV TECHNICAL REPORT No.2009-3710 Product Datasheet 116-P-BC420/CGB Rev.B,2010-03-10 Applica Technical Report No.21439
BC-440	Controller	DNV TECHNICAL REPORT No.2009-3691 Rev.6 Product Datasheet 116-P-BC440/CGB Rev.A,2013-01-15 Applica Technical Report No.20887 Rev.8
BP-405	Power Cabinet	DNV TECHNICAL REPORT No.2009-3664 Rev.1 DNV TECHNICAL REPORT No.2009-3691 Rev.2 DNV TECHNICAL REPORT No.2009-3710 Rev.1 Product Datasheet 116-P-Bp405/CGB Rev.B,2010-02-01 Applica Technical Report No.21439
BPS-405	Power Supply Unit	DNV TECHNICAL REPORT No.2010-3355 Rev.2 Product Datasheet 116-P-BPS405/CGB Rev. A 2011-07-08 Applica Technical Report No.21439
BPS-410	Power Supply Unit	DNV TECHNICAL REPORT No.2010-3355 Rev.2 Product Datasheet 116-P-BPS410/CGB Rev. B 2011-07-08 Applica Technical Report No.21439