

COPY



# NIPPON KAIJI KYOKAI

## Certificate

Certificate No.  
TA22821E(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 Supply Unit BPS-410  
Descriptions : See Annex.  
Testing standard : EN 54:2001  
EN 54-2:1997 +Corrigendum AC (1999) + A1 (2006)  
EN 54-4: 1997+A1:2002+A2:2006  
IEC 60092-504:2001  
IEC 60092-504:2016  
Manufacturer : Autronica Fire and Security AS  
Bromstadvegen 59, N-7047, 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 until 3 January 2027.  
Issued at Tokyo on 11 November 2022.

NIPPON KAIJI KYOKAI

  
Y. Takao  
General Manager  
Material and Equipment Department





## Descriptions &amp; Documentation

| Type      | Description              | Documentation(Incl. Test report)   |
|-----------|--------------------------|--|
| BS-420M   | Fire alarm control panel | DNV TECHNICAL REPORT No.2009-3664 Rev.1<br>DNV TECHNICAL REPORT No.2009-3691 Rev.2<br>DNV TECHNICAL REPORT No.2009-3710 Rev.1<br>Product Datasheet 116-P-BS420/CGB Rev.B,2010-03-10<br>Applica Technical Report No.20887 Rev.8<br>Applica Technical Report No.21366<br>Applica Technical Report No.21439 |
| BS-430    | Operator panel           | DNV TECHNICAL REPORT No.2009-3664 Rev.1<br>DNV TECHNICAL REPORT No.2009-3691 Rev.2<br>DNV TECHNICAL REPORT No.2009-3710 Rev.1<br>Product Datasheet 116-P-BS-430/CGB Rev.B,2010-03-10<br>Applica Technical Report No.21439  |
| BU-BV-420 | Repeater panel           | DNV TECHNICAL REPORT No.2009-3664 Rev.1<br>DNV TECHNICAL REPORT No.2009-3691 Rev.2<br>DNV TECHNICAL REPORT No.2009-3710 Rev.1<br>Product Datasheet 116-P-BU-BV-420/CGB Rev.B,2010-03-10<br>Applica Technical Report No.20887 Rev.8<br>Applica Technical Report No.21439                                  |
| BU-110    | Fire Brigade Panel       | Nemko Report No. E13284.01<br>Nemko Report No. E238015-2<br>Product Datasheet 116-P-BU-110/CGB 2014-05-16<br>TEST REPORT N° DPL/003/215/21   |
| BV-110    | Information panel        | Nemko Report No. E13284.01<br>Nemko Report No. E238015-3<br>Product Datasheet 116-P-BV-110/CGB 2014-05-16<br>TEST REPORT N° DPL/003/216/21   |
| BC-420    | Controller               | DNV TECHNICAL REPORT No.2009-3664 Rev.1<br>DNV TECHNICAL REPORT No.2009-3691 Rev.2<br>DNV TECHNICAL REPORT No.2009-3710<br>Product Datasheet 116-P-BC420/CGB Rev.B,2010-03-10<br>Applica Technical Report No.21439   |
| BC-440    | Controller               | DNV TECHNICAL REPORT No.2009-3691 Rev.6<br>Product Datasheet 116-P-BC440/CGB Rev.A,2013-01-15<br>Applica Technical Report No.20887 Rev.8   |
| BPS-410   | Power Supply Unit        | DNV TECHNICAL REPORT No.2010-3355 Rev.2<br>Product Datasheet 116-P-BPS410/CGB Rev. B 2011-07-08<br>Applica Technical Report No.21439   |