



AWEW/mjc/NSI 006A/10

1 June 2010

To: All NSI NACOSS Gold, Systems Silver and ARC Gold approved companies

Dear Colleague

ANNOUNCING THE INTRODUCTION OF PD 6662: 2010

I am pleased to inform you that British Standards Institution (BSI) has published PD 6662: 2010 – Scheme for the application of European standards for intrusion and hold-up alarm systems.

Two-year timetable for the adoption of PD 6662: 2010

The foreword to PD 6662: 2010 (the new PD) states that the document comes into effect on 31 May 2010. However, the foreword also recognizes that suppliers of products and services will require time to comply. Therefore, PD 6662: 2004 + Amendment A2: 2006 (the present PD) will not be withdrawn until 31 May 2012.

So 31 May 2010 marks the beginning of a two-year transition from the present PD to the new PD. In practice this means that you can:

- continue installing intrusion (intruder) and hold-up alarm systems (I&HASs) in accordance with the present PD including the standards called-up by the present PD up until 31 May 2012
- start installing I&HASs in accordance with the new PD as soon as you are able to obtain supplies of all the necessary components to enable you to comply with the new PD including the new standards called-up by the new PD.

This does not prohibit you from installing some I&HASs to the present PD and other I&HASs to the new PD during the transition period. However, all I&HASs must comply with the new PD from 1 June 2012.

New standards called-up by PD 6662: 2010

The new PD calls-up a range of new European Standards as follows:

- BS EN 50131-1: 2006 + A1: 2009 (system requirements)
- BS EN 50131-2-X: 2008 series (movement detectors and magnetic contacts)
- BS EN 50131-3: 2009 (control and indicating equipment)
- BS EN 50131-4: 2009 (warning devices)
- BS EN 50131-5-3: 2005 +A1: 2008 (interconnections equipment using radio)
- BS EN 50131-6: 2008 (power supplies)
- BS EN 50131-8: 2009 (security fog systems/devices)

The new PD also calls-up new European Technical Specifications as follows:

- DD CLC/TS 50131-2-7-X: 2009 series (glass break detectors)
- DD CLC/TS 50131-7: 2008 (application guidelines)

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The standards for alarm transmission systems and equipment are unchanged except that the new PD calls-up a new European Standard as follows:

- BS EN 50136-1-5: 2008 (packet switched networks)

The new PD also calls-up the following new standards:

- BS 8243: 2010 – Installation and configuration of intruder and hold-up alarm systems designed to generate confirmed alarm conditions – Code of practice
- DD 263: 2010 – Intruder and hold-up alarm systems – Commissioning, maintenance and remote support – Code of practice

The new PD calls-up the same BS 4737 component specifications as the present PD except for BS 4737-3.11: 1978 (rigid printed circuit wiring), which has been withdrawn by BSI.

Please refer to the new PD for further details.

How will you know if components comply with the new standards?

You should expect manufacturers to make claims of compliance for their equipment, either by marking components and/or by supplying written declarations (certificates) with the components.

- 1 Under the new PD, components that comply with a BS EN standard or with a DD CLC/TS standard must be marked in accordance with Clause 15 of BS EN 50131-1: 2006 +A1: 2009. The parameters to be included in the marking are:

- name of manufacturer or supplier
- type
- date of manufacture or batch number of serial number
- standard to which the component claims compliance
- security grade (1, 2, 3 or 4)
- environmental class (I, II, III or IV)

When space for marking of an I&HAS component is limited, codes may be used providing these are described in the associated component documentation. When insufficient space is available for codes the component shall include means of identification which allows cross reference to documentation providing the required information (see Clause 15 of BS EN 50131-1: 2006 +A1: 2009).

- 2 Components that comply with a BS 4737 standard do not need to be marked, but they must be accompanied by a statement from the manufacturer that the product “is suitable for use in systems installed to conform to PD 6662: 2010 at Grade X and environmental class Y.”

Grade X = 1, 2, 3 or 4

Environmental Class Y = I, II, III or IV

- 3 If no standard within the scheme content of PD 6662: 2010 is applicable, the component does not need to be marked, but must conform to the generic requirements of BS EN 50131-1 (for example environmental class, authorization code requirements, tamper detection) and be accompanied by a statement from the manufacturer that the product “is suitable for use in systems installed to conform to PD 6662: 2010 at Grade X and environmental class Y.”

Grade X = 1, 2, 3 or 4

Environmental Class Y = I, II, III or IV

You must check to see that relevant components are correctly marked and you must keep **records** of the claims made by manufacturers so as to be able to demonstrate to us that components are suitable for use in PD 6662: 2010 I&HASs at the appropriate grade and environmental class.

Introduction of BS 8243: 2010

The new PD calls up BS 8243: 2010, which comes into effect on 31 May 2010.

However, the foreword to the new PD recognizes that suppliers of products and services will require time to comply with BS 8243: 2010. Therefore, DD 243: 2004 will not be withdrawn until 31 May 2012.

When you install I&HASs to the present PD, you must continue to comply with all the standards called-up by the present PD, including DD 243: 2004 where police response is required.

When you install I&HASs to the new PD, you must comply with the standards called-up by the new PD, including BS 8243: 2010 where police response is required.

We will provide you with more information about BS 8243: 2010 in due course.

Note about control and indicating equipment

BS 8243: 2010 contains an annex (Annex H) that gives recommendations for control and indicating equipment.

Control and indicating equipment (CIE) used for I&HASs complying with the new PD must therefore comply with Annex H of BS 8243: 2010 as well as complying with BS EN 50131-3: 2009.

Note about confirmation of hold-up alarms

BS 8243: 2010 contains provisions for the confirmation (verification) of hold-up alarms, which is relevant to I&HASs that have lost police response to hold-up alarms (personal attack alarms). Some of the hold-up provisions in the BS are already required under the ACPO policy on police response to security systems.

A number of companies have asked us for guidance on confirmation of hold-up alarms. You can if you wish use the hold-up provisions in BS 8243: 2010 to help you in relation to upgrading your PD 6662: 2004 I&HASs that have lost police response.

The hold-up provisions in BS 8243: 2010 must be applied (in the future) to your PD 6662: 2010 I&HASs if they lose police response to hold-up.

Introduction of DD 263: 2010

The 2007 edition of DD 263 was not adopted, but has been reviewed by BSI and the new PD now calls-up DD 263: 2010.

DD 263: 2010 must be applied to I&HASs complying with the new PD.

We have discussed the application of DD 263: 2010 with industry representatives and it has been agreed that DD 263: 2010 can be applied to I&HASs complying with the present PD.

This means that as you continue to install I&HASs to the present PD you have the choice of:

- a) continuing to comply with Annex D of PD 6662: 2004; or
- b) complying with DD 263: 2010.

So you can choose to comply with DD 263: 2010 as soon as you wish or you can delay complying with DD 263: 2010 until you start installing I&HASs to PD 6662: 2010.

We will provide you with more information about DD 263: 2010 in due course.

Further information about PD 6662: 2010

Further information about PD 6662: 2010 is given in NSI Technical Bulletin 0013, which is available from the approved company area of the NSI website. The Technical Bulletin contains an appendix that lists the standards called-up by PD 6662: 2004 and PD 6662: 2010 so that you can compare the changes to the standards.

Issuing NSI Certificates of Compliance

Please make sure that NSI Certificates of Compliance are issued correctly by entering "PD 6662: 2004" or "PD 6662: 2010" in the box which is allocated to Endorsement 2 on the front of the certificate, as well as of course correctly entering all the other information required by the certificate.

New way of gaining access to British Standards

Please be aware that we will soon be introducing a new way for you to gain access to a library of British and European Standards relevant to the fire and security industries. For an annual subscription of £90 + VAT you will be able to download standards from the company area of the NSI website (www.nsi.org.uk).

Please note, however, that BSI applies certain restrictions to this low cost method of accessing standards. For example, you will need to download the standards to a single computer at your company premises. You will not be permitted to print the standards and you will only be able to read the standards for up to three months from the date of downloading. However, you will be able to download the standards again and again provided the subscription is kept up-to-date.

This new way of accessing standards may not suit every company and you may wish to carry on obtaining standards in the usual way. We intend to provide you with further information when the downloading facility is in place.

If you have any questions, please do not hesitate to contact me.

Yours sincerely

Tony Weeks
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