changes introduced under
DD 263:2010
– a guide
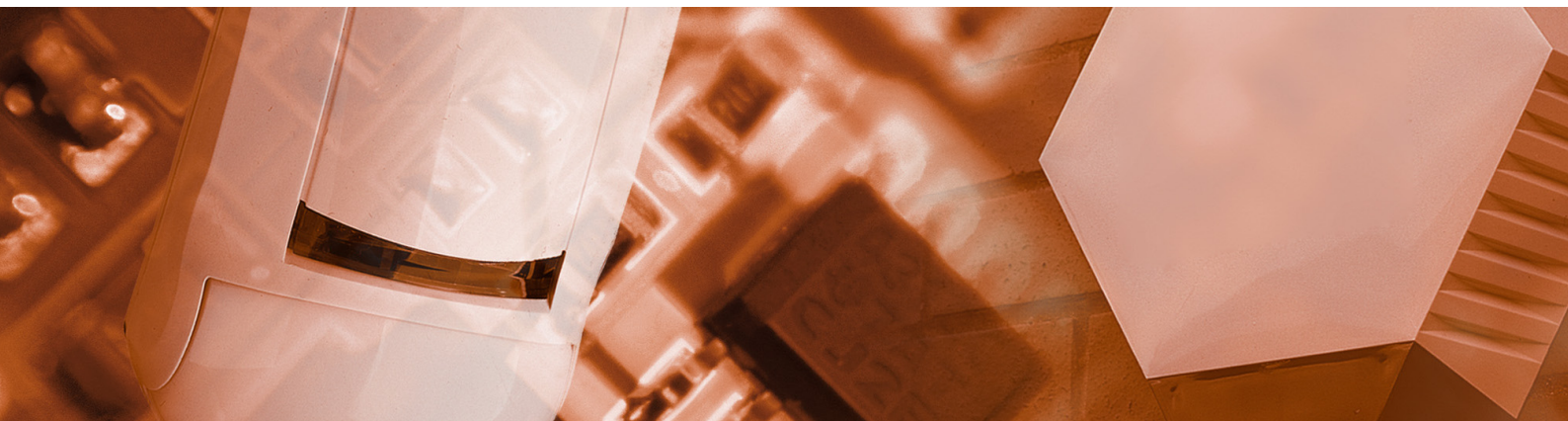
May 2010

A GUIDE TO THE CHANGES INTRODUCED UNDER DD263:2010

Intrusion and hold-up alarm systems – Commissioning, maintenance and remote support – Code of practice

Introduction

In 2007 British Standards published a document DD 263: 2007 Intruder and hold-up alarm systems – Commissioning, maintenance and remote support – Code of practice. A "DD" document is a "Draft for Development", meaning that it is intended to become a British Standard (BS). As stated in the foreword of the 2007 version DD 263 was intended to be used in conjunction with PD 6662, the scheme for the application of the EN 50131 series of European standards for intrusion and hold-up alarm systems (I&HAS). Amongst other things it included recommendations for maintenance previously included in the BS 4737 series of British standards that had been replaced by EN 50131.

In practice industry could not agree with the introduction of DD 263: 2007 under the PD 6662 scheme (as required for I&HAS with police response) and so it remained entirely voluntary as to its use.

During the drafting of PD 6662: 2004 it was realised that the scheme lacked requirements for commissioning, maintenance and remote support. To overcome this some basic requirements were added in the form of Appendix D.

DD 263 has now been completely revised to create DD 263: 2010. This version of the document is included under PD 6662: 2010. This has two effects. Firstly the old Appendix D of PD 6662 could be removed and secondly, for the first time, DD 263 will become a mandatory requirement applicable to many I&HAS. It has been decided not to convert DD 263 to a British Standard yet because a lack of widespread use has hindered useful feedback to its development.

To be of most practical benefit this guide does not compare changes between DD 263: 2007 and its 2010 replacement. It instead describes changes introduced by the addition of DD 263: 2010 to the PD 6662 scheme. The approach taken is to take DD 263: 2010 clause by clause and either indicate the location of the same requirement in PD 6662: 2004 or show that a new requirement exists.

The older version of PD 6662 referenced by this guide is PD 6662: 2004 Incorporating Amendments Nos. 1 and 2. This is the version implemented by industry agreement in October 2006. PD 6662: 2010 will be effective from mid 2012 but permitted to be used before that at any time after publication. DD 263: 2010 may also be used with non PD 6662: 2010 systems.

The summary has been undertaken in a clause-by-clause basis where there are changes. This will give an easy reference to those reading this guideline. The list of changes described does not include date changes for the PD 6662 document (i.e. where PD 6662: 2004 now reads PD 6662: 2010) nor does it include changes of the word "intruder" to "intrusion" which have been done to match the title of EN 50131-1.

Table of Changes

DD 263: 2010 Clause	Related PD 6662: 2004 Clause	Content change detail Compared to requirements under PD 6662: 2004
Foreword	**n/a**	**New**
Introduction	**n/a**	**New**
1	**n/a**	**Scope – NEW**
2	**n/a**	**Normative References – NEW**
3	**2**	**Terms and definitions** All of the defined terms are effectively new with the exception of the following that are slightly altered.
3.1.11	2.1.4	**Remote location** – In comparison with PD 6662 the new definition is more restrictive. It limits the remote location to the secure premises of an alarm company or ARC.
3.1.14	2.1.2	**Remote system check** – Previously this was "verification that the … system is operating normally". Now it is "check of the status … as part of preventative maintenance"
3.2	2.2	**Abbreviations** – DD 263 contains the following abbreviations that were not in PD 6662: APS – Alternative Power Source ATS – Alarm Transmission System PPS – Prime Power Source PS – Power Supply WD – Warning Device
4	**n/a**	**Authentication and authorization for remote support and remote system checks**
4.1	n/a	**General** This clause requires that remote system checks and remote support are carried out securely. That means that that the remote support is using a "secure computer" at a "remote location". Both "secure computer" and "remote location" are defined terms.
4.2	D.3	**Initialization of connection** Iltem c) "Manual, remote" is a new option. Although it was listed in the old DD263 it was not included by PD 6662: 2004.
4.3	n/a	**Authorization** – New requirements (but already applicable to EN 50131-1 systems)
4.4	n/a	**Authentication** – New requirements
4.5	n/a	**Information security** – New requirements based on requirements for alarm transmission systems in EN 50136-1-5 (for IP systems) and EN 50136-1-1.

DD 263: 2009 Clause	Related PD 6662: 2004 Clause	Content change detail Compared to requirements under PD 6662: 2004
5	**n/a**	**Functional Testing and Commissioning** This clause is new and mandates the use of annex A, which includes a checklist and TS 50131-7, Clause 10, where relevant. The system should be inspected and checked against the system design proposal.
6 6.1	D.1.2	**Preventative Maintenance** Although mostly new, PD 6662 said that the inspection and any problems should be resolved within 21 days. DD 263 says only "as soon as practicable".
6.2 Para 1	D.1.1	**On-site maintenance** The wording is slightly modified and mandates the use of annex B.3.
6.2 Para 2 & 3	n/a	The second two paragraphs are new. This adds a requirement for providing the client with a record of checks and work carried out within 10 days.
6.3 6.3.1	**D.3** D.3	**Remote system checks** **General** This is new and mandates the use of annex B.3 The third and last paragraph add a requirement for providing the client with a record of checks and works within 10 days and (by reference to EN 50131-1, Clause 8.9.2) that remote notification of alarms should not be affected for more than 10s.
6.3.2	D.3	**Application of Annex B.3** This clause gives some specific detail for the remote system checks in annex B.3. Most of these checks were in PD 6662: 2004 but the detail is new.
6.4 & Table 1	D.2	**Frequency** The variants with requirements have been increased to include BS 4737 and BS 7042 systems. EN 50131-1 grade 1T systems are also included and for grade 1 systems the option to alternate site visits and remote system checks has been added. The paragraphs following the table are new and give more precise rules to the timing of maintenance.
7	**D.4** D.4.1 D.4.2	**Corrective maintenance** Only the notes are new in this clause.
8 8.1 8.2 & Table 2	**n/a** n/a n/a	**Remote Support** **General** Use of remote support functionality The whole of clause 8 is new and adds requirements for what is permitted or not during remote support.

DD 263: 2009 Clause	Related PD 6662: 2004 Clause	Content change detail Compared to requirements under PD 6662: 2004
9	n/a	**Documentation, audit trail and records** This clause is entirely new
Annex A	n/a	**Commissioning of an I&HAS** This normative annex is new and provides a single page checklist for commissioning recommendations.
Annex B	n/a	**Preventative maintenance**
B.2	D.1.1	**Site Visit** List items a, e, f, g, h, i, correspond to items in PD 6662 (D.1.1 a, d, b, f, g). Item j is similar to item c in PD 6662. The requirements of items c and d are easier to achieve than the old item e. Item b, "tamper detection" is new.
B.3	D.3	**Remote system check** The list items show approximate correspondence with PD 6662 D.3. Only item c is entirely new. This adds tamper and fault condition checks. Items f and g roughly correspond to the old D.3e The correspondence of the other items is DD 263 b = PD 6662 D.3a; d = b; e = c; f = d; g & h = e; i = g; j = h.
	n/a	**Bibliography** The bibliography has been updated.