



AWEW/mjc/NSI 005B/12

10 August 2012

To: All NSI Systems Silver approved companies and applicants for NSI Systems Silver approval

Dear Colleague

INTRODUCTION OF A NEW NSI CODE OF PRACTICE NCP 109 FOR ACCESS CONTROL SYSTEMS TO REPLACE NSI SYSTEMS SILVER CODE OF PRACTICE ICP 30

I am pleased to announce the introduction of NSI Code of Practice NCP 109 for the Design, Installation and Maintenance of Access Control Systems. You can use your password to download a copy of the code from the approved company area of the NSI website.

You may install access control systems complying with NCP 109 as soon as you wish. You can also use your password to download a copy of the marking table and checklist for NCP 109 from the approved company area of the NSI website and these should assist you in understanding the requirements.

NSI Systems Silver Code of Practice ICP 30 will be withdrawn from use on 31 August 2013. Up until then, you have the choice of installing access control systems to ICP 30 or NCP 109.

The introduction of NCP 109 does not affect the use of European Standard EN 50133 for access control systems (which is presently used as an alternative to ICP 30 and will continue as an alternative to NCP 109).

Some brief information about NCP 109 and EN 50133 is given in **ANNEX A** of this letter.

Information on issuing NSI Certificates of Compliance for access control systems is given in **ANNEX B**.

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

Yours sincerely

Tony Weeks
Head of Technical Services

Attachments



ANNEX A

SOME BRIEF INFORMATION ABOUT NCP 109 AND EN 50133

NSI CODE OF PRACTICE NCP 109

NSI Code of Practice NCP 109 has been developed as a result of work carried out by an NSI working group on access control systems.

There is a good deal of overlap between ICP 30 and NCP 109 such that many of the requirements in ICP 30 are still included in NCP 109. In this sense there are a number of things that have not changed.

The guidance that we issued in 2004 (NSI Form NSF 568 enclosed with NSI Circular Letter Ref: TM/mjc/NSI 010 04) about the scope of ICP 30 has now been incorporated into the scope of NCP 109 and is unchanged. This guidance clarifies the kinds of systems that do not fall within the scope of NCP 109 (for example door entry systems where a person, rather than the system itself, makes the decision as to who may enter or exit).

Some things have changed however. For example, the method of identifying an individual to an access control system is now called a "credential". Credentials may be thought of as being something you know (a code number), something you have or hold (a token), or something you are (a biometric).

There is a change to the classification of access points. Whereas ICP 30 has five classes, NCP 109 has four classes and these have been updated to reflect modern ways of granting access including more emphasis on tokens and biometrics. The four classes, which are security related, are Class I (low risk), Class II (low to medium risk), Class III (medium to high risk) and Class IV (high risk).

NCP 109 is now scheduled to replace ICP 30. From 1 September 2013 at the latest, it will be an ongoing requirement for NSI Systems Silver approved companies to comply with NCP 109 for all their access control system installations (other than those which comply with European Standard EN 50133).

EUROPEAN STANDARD EN 50133

The European Committee for Electrotechnical Standardization (CENELEC) has developed the EN 50133 series of European Standards for access control systems. However, EN 50133 has not been adopted widely due to a lack of available equipment to meet the standard.

The development of standards for access control systems has now passed from CENELEC to the International Electrotechnical Commission (IEC) by agreement between these two standards organisations.

We intend to review NCP 109 in due course, as and when IEC makes progress in developing standards for access control systems.



ANNEX B

INFORMATION ON ISSUING NSI CERTIFICATES OF COMPLIANCE FOR ACCESS CONTROL SYSTEMS

Access control systems complying with ICP 30

Please continue to use the **BS Type** NSI Certificate of Compliance (the same Certificate that was used for BS 4737 intruder alarm systems) and do the following in Part 4 of the Schedule:

- Select Code "G" in Part 4.1 of the Schedule
- Select Code "H" in Part 4.2 of the Schedule
- Select the correct Code for the type of premises in Part 4.3 of the Schedule.

Access control systems complying with BS EN 50133

Please continue to use the **PD/EN Type** NSI Certificate of Compliance (the same Certificate as used for PD 6662 intruder and hold-up alarm systems) and do the following in Part 4 of the schedule:

- Select Code "EG" in Part 4.1 of the Schedule
- Enter "NA" in Parts 4.2 of the Schedule
- Enter "NA" in Parts 4.3 of the Schedule
- Select Code "EH" in Part 4.4 of the Schedule
- Select the correct Code for the type of premises in Part 4.5 of the Schedule

Access control systems complying with NCP 109

Please use the **PD/EN Type** NSI Certificate of Compliance (the same Certificate as used for PD 6662 intruder and hold-up alarm systems) and do the following in Part 4 of the schedule:

- Select Code "EH" in Part 4.1 of the Schedule
- Enter "NA" in Parts 4.2 of the Schedule
- Enter "NA" in Parts 4.3 of the Schedule
- Select Code "EH" in Part 4.4 of the Schedule
- Select the correct Code for the type of premises in Part 4.5 of the Schedule
