

CP1289 Attachment A - Proposed changes to Code of Practice 2

The addition of 'other than' into CoP2 Section 5.6(iv)'Level 4 Password for' c).

5.6 Communications

For integral Outstations: Outstation(s) shall provide both local and remote interrogation facilities, from separate ports.

To prevent unauthorised access to the data in the Metering Equipment a security scheme, as defined below and in Appendix D, shall be incorporated for both local and remote access. Separate security levels shall be provided for the following activities:

(i) Level 1 Password for:

Read-only access to the following metering data, which shall be transferable on request during the interrogation process:

- a) Outstation ID;
- b) Demand Values as defined in clause 4.1.2;
- c) Cumulative measured quantities as defined in clause 4.1.1;
- d) Maximum Demand (MD) for kW/MW or kVA/MVA as appropriate (as defined by the Registrant) per programmable charging period i.e. monthly or statistical review period;
- e) Multi-rate cumulative Active Energy as specified by the Registrant;
- f) Measurement transformer ratios, where appropriate (see clause 5.3)
- g) Measurement transformer error correction factor and/or system loss factor, where this is a constant factor applied to the entire dynamic range of the Meter and the Meter is combined with the display and/or Outstation;
- h) Alarm indications; and
- i) Outstation time and date.

(ii) Level 2 Password for:

- a) Corrections to Outstation time and/or date; and
- b) Resetting of the MD

(iii) Level 3 Password for:

Programming of:

- a) The Displays and Facilities as defined in clause 5.4;
- b) Measurement transformer ratios, as appropriate (see clause 5.3);
- c) Measurement transformer error correction factor and/or system loss factor, where this is a constant factor applied to the entire dynamic range of the Meter and the Meter is combined with the display and/or Outstation; and
- d) The Passwords for levels 1, 2 and 3;

In addition it shall be possible to read additional information within the Metering Equipment to enable the programmed information to be confirmed.

(iv) Level 4 Password for¹:

- a) Calibration of the Metering Equipment;
- b) Setting the measurement transformer ratios, where appropriate (see clause 5.3);
- c) Setting the measurement transformer error correction and/or system loss factors where this is other than a single factor; and
- d) Programming the level 3 Password and the level 4 Password, if appropriate.

In addition to the functions specified for each level it shall be feasible to undertake functions at the preceding level(s). E.g. at level 3 it shall also be possible to carry out the functions specified at levels 1 and 2. This need not apply at level 4 when access is obtained via removing the cover. Different Passwords shall be utilised for each level, which shall only be circulated in accordance with the relevant BSC Procedure.

For separate Outstations: A Password shall be required to read or change any data.

No further changes have been made to this document

¹ These may be facilitated by the breaking of a seal.