

## **Redline changes to Codes of Practice 1, 2, 3, 5, 6 and 7**

The redline changes for the Code of Practice documentation is listed below (A – F).

Please note that the difference between the minimum number of combinations permissible in CoPs 1 & 2 and CoPs 3 & 5 is in recognition of the different arrangements that exist in the CVA and SVA markets. CoPs 6 & 7 do not specify a minimum number of combinations.

### **A. The following change is proposed to Section 3.2.3 of Code of Practice 1**

#### 3.23 Password

For Meters with integral Outstations: ‘Password’ means a string of characters of length no less than six **characters** and no more than twelve characters, where each character is a case insensitive **or sensitive** alpha character (A to Z) or a digit (0 to 9) or the underscore character (\_). Passwords must have a minimum of 2,000,000 combinations, for example six characters if composed of any alphanumeric characters or eight characters if composed only of hexadecimal characters (0 to F). **The characters of a hexadecimal password must be in upper case.**

For separate Outstations: a Password may be described as above for integral Outstations or a single password of any format<sup>3</sup>.

### **B. The following change is proposed to Section 3.2.3 of Code of Practice 2**

#### 3.23 Password

For Meters with integral Outstations: ‘Password’ means a string of characters of length no less than six **characters** and no more than twelve characters, where each character is a case insensitive **or sensitive** alpha character (A to Z) or a digit (0 to 9) or the underscore character (\_). Passwords must have a minimum of 2,000,000 combinations, for example six characters if composed of any alphanumeric characters or eight characters if composed only of hexadecimal characters (0 to F). **The characters of a hexadecimal password must be in upper case.**

For separate Outstations: a Password may be described as above for integral Outstations or a single password of any format<sup>3</sup>.

<sup>3</sup> Meters separate from their Outstation and capable of external communications should have the same password requirements as for separate Outstations.

**C. The following change is proposed to Section 3.2.3 of Code of Practice 3**3.23 Password ‡

Password means a string of characters of length no less than six characters and no more than twelve characters, where each character is a case insensitive or sensitive alpha character (A to Z) or a digit (0 to 9) or the underscore character (\_). Passwords must have a minimum of 2,000,000,000 combinations, for example six characters if composed of any alphanumeric characters or eight characters if composed only of hexadecimal characters (0 to F). The characters of a hexadecimal password must be in upper case.

**D. The following change is proposed to Section 3.22 of Code of Practice 5**3.22 Password ‡

Password means a string of characters of length no less than six characters and no more than twelve characters, where each character is a case insensitive or sensitive alpha character (A to Z) or a digit (0 to 9) or the underscore character (\_). Passwords must have a minimum of 2,000,000,000 combinations, for example six characters if composed of any alphanumeric characters or eight characters if composed only of hexadecimal characters (0 to F). The characters of a hexadecimal password must be in upper case.

**E. The following change is proposed to Section 4.15 of Code of Practice 6**

## 4.15 Password

Password means a string of characters of length 6 characters, where each character is a case insensitive or sensitive alpha character (A to Z) or a digit (0 to 9) or the underscore character (\_).



**F. The following change is proposed to Section 10.15.1 of Code of Practice 7**

10.15.1 General Definition

~~Six character string consisting of case sensitive alpha characters (A to Z), digits (0 to 9) or the underscore character (\_).~~

Password means a string of characters of length 6 characters, where each character is a case insensitive or sensitive alpha character (A to Z) or a digit (0 to 9) or the underscore character (\_).