Singapore Standard SS 145 : Part 2 : 1997

**SPECIFICATION FOR 13 A PLUGS AND SOCKET-OUTLETS**
**PART 2 : 13 A SWITCHED AND UNSWITCHED SOCKET-OUTLETS**

# AMENDMENT NO. 1

April 1999

1. **Page 12, Table 1**

Under Sequence 4, *replace* the clause number "13.4.2" by "13.4.1a".

2. **Page 13, Subclause 7.1**

(a) *Renumber* "(f)" as "(g)".

(b) *Insert* as (f) "Fixed fused multiple socket-outlets shall be marked on the engagement surface with the maximum rated current of 13 A (e.g. MAX. 13 A);".

3. **Page 15, Subclause 8.1**

*Replace* the 1st paragraph by "When the socket outlet is correctly assembled, installed and wired with the appropriate cable or flexible cord as specified in Subclause 16.1.1, the minimum clearance through air and the minimum creepage distance shall be 2.5 mm as follows:".

4. **Page 16, Subclause 9.4.1**

*Amend* the diameter of the rigid metal pin to read as "$1^{0}_{-0.05}$ mm".

5. **Page 22, Subclause 13.13**

(a) In the 1st paragraph at the end of the sentence *insert* "or the switch."

(b) In the 2nd paragraph, 5th line after "line terminal" *insert* "or to a switch" and after "the terminal" *insert* "or the switch".

6. **Page 25, Subclause 14.2.1**

In the 4th paragraph *replace* "within 1°C" by "within ± 2°C".

7. **Page 25, Subclause 15.1.2**

In the 1st paragraph, line 2, *replace* "1 min" by "$60^{+5}_{0}$ s".

8. **Page 27, Table 4 Permitted temperature rises**

*Replace* the text of the NOTE by the following:

The recording of a measured value up to and including the specified maximum permissible limit for temperature rise is considered to comply with the requirements of the standard on conditions that the uncertainty of measurement at not less than 95% confidence level does not exceed ± 2°C.

9. **Page 27, Subclause 16.1.2**

(a) In the 5th paragraph, *replace* "twin socket-outlet" by "twin unfused socket-outlet".

(b) In the 6th paragraph, *replace* "multiple socket-outlet" by "multiple unfused socket-outlet".

(c) *Insert* the following as a new paragraph:
A fused socket-outlet having more than one set of socket contacts is connected to an incoming and outgoing 2.5 $mm^2$ 2-core and earth PVC insulated and sheathed cable as given in Table 5a of BS 6004.

(d) Table 5 Loading of socket-outlets for temperature rise test
Within Table 5, *replace* the detail for the >2 (fused) by the following four respective columns:

| | | | |
|---|---|---|---|
| 1 (fused) | 1 x 14 A | 6 | 20 |

Before the last paragraph, *add* the following new text:
In the case of fused socket-outlets in which the number of outlets is greater than two, the test is then repeated, the total test current being divided equally between each of the test plugs, one inserted into each set of socket contacts in the socket-outlet.

10. **Page 29, Subclause 16.1.3**

In the last paragraph, *replace* "the test current being nominally the same on each of the test plugs" by "the total test current being divided equally between each of the test plugs"

11. **Page 45, Figure 2a**

*Insert* the new NOTE as follows:
NOTE. This drawing is not intended to govern design except as regards the dimensions and specific values shown.

12. **Page 53, Figure 16**

*Amend* the two vertical dimensions of "1.5 to 1.8" *to* "1.5 to 1.9".

13. **Page 60, Figure 23**

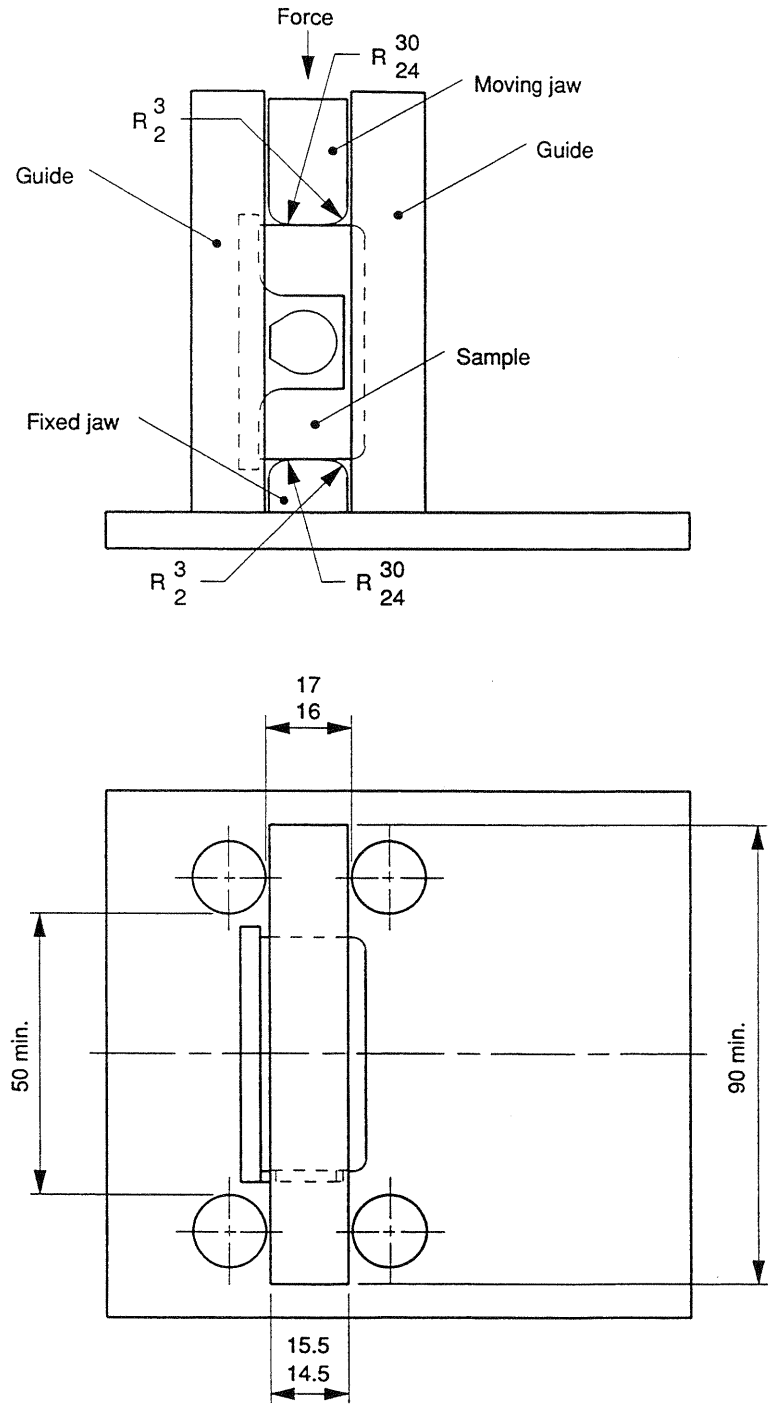
*Replace* with the attached figure.

14. **Page 63, Figure 29**

For the contact assembly, *replace* "4.9 to 5.1" by "4.8 to 5.0".

15. **Page 64, Figure 30**

For the external dimension of the plug body (material SRBP), *replace* "43 to 45" and "49 to 51" by "43 to 44" and "49 to 50.5" respectively.




*All dimensions are in millimetres*

**NOTE.** This drawing is not intended to govern design except as regards the dimensions and specific requirements shown.

**Figure 23. Apparatus for pressure test** (see clause 22)