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DATE 10 NOV 1975	
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Our reference: **FIR/70 46/6/3**
 Your reference:

47035

To all Chief Fire Officers

7 October 1975

Dear Chief Officer

EXTERNAL FIRE EXPOSURE ROOF TEST

You will be interested to know that a revision to this standard test has been published by the British Standards Institution and is entitled BS 476: Part 3: 1975. In the revision, the principal modifications that have been made are as follows:-

- (a) The separate spread of flame test has been dropped and in its place a measurement of the extent of surface ignition is made at the same time as the penetration test using the same level of radiation intensity.
- (b) The requirement for suction under the roof specimen for the purpose of simulating the effects of a wind on the upper surface of a roof has been omitted.
- (c) To extend the field of application of the test, provision has been made for increasing its duration if required.
- (d) The penetration of fire and surface ignition measurements being combined in one test reduce the number of specimens to be tested.
- (e) The test flame is applied at intervals during the test instead of only once.
- (f) The performance of the specimen was previously expressed in terms of definite designations. These designations are replaced by the actual performance data.

Yours sincerely

**The Fire Service
College**



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