



Notification Number: 1998/398/UK

Revision of the UK Government's Standard Assessment Procedure (SAP) for the Energy Rating (SAP Rating) of Dwellings (The SAP is approved by the Government for the purposes of Building Regulations as the procedure for calculating the Energy Rating of dwellings. SAP Ratings are required to be notified as an informative action whenever a dwelling is created by new construction or converting an existing building and they are also incorporated into Approved Documents, ie official guidance, within methods for showing compliance with the technical energy requirements of the Regulations. The methods in the official guidance are optional, they are not obligatory. The SAP Rating is an index of the annual cost of heating and hot water which an average family could expect to incur when occupying a given dwelling. The procedure addresses the energy performance of the building fabric the ventilation, space heating and domestic hot water systems, and the cost of the fuel consumption.)

Date received : 04/09/1998
End of Standstill : 11/12/1998 (11/03/1999)
Issue of comments by : Denmark
Issue of detailed opinion by : Austria,Belgium

Message

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TELEX 001

COMMUNICATION FROM THE COMMISSION - SG (98) D/52179
DIRECTIVES 83/189/EEC, 88/182/EEC AND 94/10/EC

NOTIFIKATION - NOTIFIZIERUNG - NOTIFICATION - NOTIFICACION



NOTIFICATION - NOTIFICA - KENNISGEVING - NOTIFICACAO - ILMOITUS
ANMÄLAN : 98/0398/UK.

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1. Structured Information Line

TLX 001 IND- 98 0398 UK- EN ----- 980904 --- ---

2. Member State

United Kingdom

3. Department Responsible

Department of Trade and Industry: Standards & Technical
Regulations Directorate

3. Originating Department

Department of the Environment, Transport and the Regions

4. Notification Number

98/0398/UK

5. Title

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(SAP) for the Energy Rating (SAP Rating) of Dwellings
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building and they are also incorporated into Approved
Documents, ie official guidance, within methods for showing
compliance with the technical energy requirements of the
Regulations. The methods in the official guidance are optional,
they are not obligatory.

The SAP Rating is an index of the annual cost of heating and
hot water which an average family could expect to incur when
occupying a given dwelling. The procedure addresses the
energy performance of the building fabric the ventilation,
space heating and domestic hot water systems, and the cost of
the fuel consumption.)

6. Products Concerned

Construction products in general are covered, but the changes
in this revision of the SAP particularly affect how oil and
gas fired central heating systems are handled in



calculations.

7. Notification Under Another Act

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8. Main Content

The proposed changes comprise :

- a. General updating and improvement of the guidance on completing the procedure;
- b. The consolidation into the SAP of:

- 1. The interim guidance on handling new forms of space heating and hot water systems that incorporate thermal stores;
- 2. The interim advice on handling dwellings connected to combined heat and power and district heating systems;
- 3. New provisions for accepting, as a preferred option, declared boiler manufacturers' data for oil and gas fired hot water central heating system seasonal efficiencies. The existing provision for using generic performance data is retained. Declared manufacturers' data is defined as meaning the results of applying a new method of deriving heating system seasonal efficiency from the full-load and part-load boiler efficiency test results. The boiler test procedures must be those recognised by the Boiler Efficiency Directive for the particular type of boiler.

The new provisions also include guidance for manufacturers on how they could helpfully declare their "SAP Seasonal Efficiencies".

- c. Updating of the data tables to take account of product innovation and revising the energy pricing data.
- d. The addition of an optional procedure for calculating annual carbon dioxide emission as a derivative of the existing calculation results (this CO₂ procedure is not demanded by the Building Regulations).

The UK will fulfil its obligation under Article 12 of Directive 98/34/EC (83/189/EEC) (as amended) when these Regulations are officially published.

9. Brief Statement of Grounds

The need to update the guidance to incorporate new references, to take account of new products, to incorporate new calculation methods and to reflect user experience. The need to bring the data tables up to date. The need to improve



comprehensiveness so that more variants can be accommodated without recourse to special interpretations.

10. Reference Documents - Basic Texts

- a. A draft of the proposed new edition of the SAP : SAP 98
- b. A copy of the currently approved edition of the SAP:
 - 1. SAP 1994 published separately and incorporated into the Building Regulations Approved Document L at Appendix G; (read in conjunction with)
 - 2. The Conventions for SAP home energy rating - assessors' instructions 2nd edition, October 1997
- c. A copy of the general provisions in the Building Regulations acknowledging equivalents.

11. Invocation of the Emergency Procedure

No

12. Grounds for the Emergency

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13. Confidentiality

No

14. Fiscal measures

No

C. TROJAN
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