



Notification Number: 1995/162/UK

HEALTH TECHNICAL MEMORANDUM 81 - FIRE PRECAUTIONS IN NEW HOSPITALS

Date received : 08/06/1995

End of Standstill : 13/09/1995

Message

MINISTERE DE L'INDUSTRIE ET DE LA RECHERCHE
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INSTITUT BELGE DE NORMALISATION,
ATT. M. CROON

INSPECTION DU TRAVAIL ET DES MINES
VIA MINISTERE DES AFFAIRES ETRANGERES
ATT. M. A. SCHUSTER

MINISTERE DE L'INDUSTRIE
ATT. M. CAVANNA

DEPT. OF TRADE AND INDUSTRY, QUALITY AND EDUCATION DIVISION,
ATT. MR. K. LAWLESS

GOVERNMENT SERVICE OF INDUSTRY AND COMMERCE, NSAI
ATT. MR. J. NULTY

MINISTERIE VAN ECONOMISCHE ZAKEN, (DG BEB),
ATT. MR. B. SIEBRING

ERHVERVSFREMME STYRELSEN
INDUSTRIMINISTERIET
ATT. MR. KELD DYBKJAER AND KLAUS SPOEHR

MINISTRY OF INDUSTRY, ENERGY & TECHNOLOGY
ATT. MR. Z.P. MAVROUKAS

HELLINIKOS ORG. TYPOPISOOS
ATT. MR. MELAGRAKIS

MIN WIRTSCHAFT
ATT. DR. WINKEL

BUNDESMINISTERIUM FUR WIRTSCHAFTLICHE ANGELEGENHEITEN
ATT. ABT I/A/4 FRAU GREGORITH / FRAU HAZLINGER-FENZEL



MIN PARA RELACIONES CON LA COMUNIDA
ATT MR. D. ALFREDO RAMBLA JOVANI

MIN INDUSTRIA
ATT MR. ADALBERTO PEREA MARTIN, ESPAGNE

DIRECCIO GERAL QUALIDAD
ATT MR. CANDIDO DOS SANTOS, PORTUGAL

KOMMERSKOLLEGIUM
ATT. MS. KERSTIN CARLSSON

FINLAND

DGS INTERNATIONAL BELGIUM

REP PERMANENTE ROYAUME UNI

REP PERMANENTE IRLANDE

REP PERMANENTE GRECE

EUROPEAN FREE TRADE ASSOCIATION SURVEILLANCE AUTHORITY
ATT. M. BOHR

EUROPEAN FREE TRADE ASSOCIATION
ATT. MS. MEADEN

TELEX 001

COMMUNICATION FROM THE COMMISSION - SG (95) D/50919
DIRECTIVES 83/189/EEC AND 88/182/EEC

NOTIFIKATION - NOTIFIZIERUNG - NOTIFICATION - NOTIFICACION
NOTIFICATION - NOTIFICA - KENNISGEVING - NOTIFICACAO 95/0162/UK

FRISTERNE INDLEDES IKKE -KEIN FRISTBEGINN - DOES NOT OPEN THE
DELAYS - NO ABRE EL PLAZO - N'OUVRE PAS DE DELAIS - NON FA
DECORRERE LA MORA - GEEN TERMIJNBEGIN - NAO INICIA O PRAZO

- 3B1 : 9500919.EN

1. Structured Information Line

TLX 001 IND- 95 0162 UK- EN ----- 950608 --- ---

2. Member State

UNITED KINGDOM

3. Department Responsible

DEPARTMENT OF TRADE AND INDUSTRY



3. Originating Department

DEPARTMENT OF HEALTH

4. Notification Number

95/0162/UK

5. Title

HEALTH TECHNICAL MEMORANDUM 81 - FIRE PRECAUTIONS IN NEW HOSPITALS

6. Products Concerned

HOSPITAL BUILDINGS

7. Notification Under Another Act

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8. Main Content

THE CENTRAL PURPOSE OF HTM 81 IS TO PROVIDE GUIDANCE ON THE STANDARDS OF FIRE SAFETY EXPECTED IN NEW NATIONAL HEALTH SERVICE HOSPITALS, ALTHOUGH IT WILL ALSO BE APPLICABLE TO PRIVATE HOSPITALS. HTM 81 HAS NO STATUTORY FORCE, IT IS A CODE OF PRACTICE PREPARED BY A WORKING GROUP UNDER THE DIRECTION OF THE DEPARTMENT OF HEALTH'S NATIONAL FIRE POLICY ADVISORY GROUP, AND AS SUCH REPRESENTS A SET OF STANDARDS FOR THE NATIONAL HEALTH SERVICE INTENDED TO ASSIST IN THE UNDERSTANDING OF THE PROBLEMS SPECIAL TO HOSPITALS SO THAT THE CURRENT STATUTORY REGULATIONS CAN BE APPLIED SENSIBLY WITHIN A FRAMEWORK OF UNDERSTANDING. THE MEASURES IN HTM 81 SHOULD BE ADEQUATE TO SATISFY ALL THE REQUIREMENTS OF PART B OF SCHEDULE 1 THE 1991 BUILDING REGULATIONS.

THE DOCUMENT PROVIDES GUIDANCE ON THE FOLLOWING:

- FIRE SAFETY MANAGEMENT
- FIRE PREVENTION
- DETECTION AND ALARM SYSTEMS
- MEANS OF ESCAPE FROM FIRE
- MEASURES REQUIRED TO CONTAIN FIRES
- MEASURES REQUIRED TO EXTINGUISH FIRES
- FIRE DOORS

9. Brief Statement of Grounds

THE DEPARTMENT OF HEALTH IS RESPONSIBLE FOR PROVIDING POLICY GUIDANCE ON THE STANDARDS OF FIRE SAFETY IN THE NATIONAL HEALTH SERVICE. HEALTH TECHNICAL MEMORANDUM WAS ORIGINALLY ISSUED IN 1987 AND NOW REQUIRES UPDATING TO TAKE ACCOUNT OF RECENT CHANGES IN UK LEGISLATION AND ADVANCES IN FIRE SAFETY TECHNOLOGY.

10. Reference Documents - Basic Texts

ELECTRICAL SERVICES: SUPPLY AND DISTRIBUTION (HTM 2007):



MANAGEMENT POLICY. NHS ESTATES, HMSO 1993
DESIGN CONSIDERATION. NHS ESTATES, HMSO 1993
OPERATIONAL MANAGEMENT. NHS ESTATES, HMSO 1993

VALIDATION AND VERIFICATION. NHS ESTATES, HMSO 1993
EMERGENCY ELECTRICAL SERVICES (HTM 2011):
DESIGN CONSIDERATIONS. NHS ESTATES, HMSO 1993
VALIDATION AND VERIFICATION. NHS ESTATES, HMSO 1993
OPERATIONAL MANAGEMENT. NHS ESTATES, HMSO 1993
MANAGEMENT POLICY. NHS ESTATES, HMSO 1993
MEDICAL GAS PIPELINE SYSTEMS (HTM 2022):
MANAGEMENT POLICY. NHS ESTATES, HMSO 1994
DESIGN CONSIDERATIONS. NHS ESTATES, HMSO 1994
VALIDATION AND VERIFICATION. NHS ESTATES, HMSO 1994
OPERATIONAL MANAGEMENT. NHS ESTATES, HMSO 1994
GOOD PRACTICE GUIDE. NHS ESTATES, HMSO 1994

COMMON ACTIVITY SPACES (HBN 40):
VOLUME 1 - PUBLIC AREAS. NHS ESTATES, HMSO 1995
VOLUME 2 - TREATMENT AREAS. NHS ESTATES, HMSO 1995
VOLUME 3 - STAFF AREAS. NHS ESTATES, HMSO 1995
VOLUME 4 - CIRCULATION AREAS. NHS ESTATES, HMSO 1995

FIRECODE:
POLICY AND PRINCIPLES NHS ESTATES, HMSO 1994
ALARM AND DETECTION SYSTEMS (HTM82). NHS ESTATES, HMSO 1989
FIRE SAFETY IN HEALTHCARE PREMISES: GENERAL FIRE PRECAUTIONS
(HTM 83): NHS ESTATES, HMSO 1994

FIRECODE: TEXTILES AND FURNITURE (HTM 87). NHS ESTATES, HMSO
1993

LAUNDRIES (FIRE PRACTICE NOTE 1).
DEPT OF HEALTH, HMSO 1987
STORAGE OF FLAMMABLE LIQUIDS (FIRE PRACTICE NOTE 2).
DEPT OF HEALTH, HMSO 1987
ESCAPE BED LIFTS (FIRE PRACTICE NOTE 3).
DEPT OF HEALTH, HMSO 1987
HOSPITAL MAIN KITCHENS (FIRE PRACTICE NOTE 4).
NHS ESTATES, HMSO 1994
COMMERCIAL ENTERPRISES ON HOSPITAL PREMISES(FIRE PRACTICE
NOTE 5). NHS ESTATES, HMSO 1992

ARSON PREVENTION AND CONTROL IN NHS HEALTHCARE PREMISES (FIRE
PRACTICE NOTE 6).NHS ESTATES, HMSO 1994

FIRE PRECAUTIONS IN PATIENT HOTELS (FIRE PRACTICE NOTE 7).
NHS ESTATES, HMSO 1995

ATRIA ON HOSPITAL PREMISES (FIRE PRACTICE NOTE 8). NHS
ESTATES, HMSO 1995



FIRE PRECAUTIONS IN EXISTING HOSPITALS (HTM 85). NHS ESTATES, HMSO 1994

CIBSE LIGHTING GUIDE: HOSPITAL AND HEALTHCARE BUILDINGS (LG2).
CHARTERED INSTITUTION OF BUILDING SERVICES ENGINEERS (CIBSE)) 1989.

BS 476 : FIRE TESTS ON BUILDING MATERIALS AND STRUCTURES

PART 3: 1958 - EXTERNAL FIRE EXPOSURE ROOF TESTS.
PART 4: 1970(1984) - NON-COMBUSTIBILITY TEST FOR MATERIALS.
PART 6: 1989 - METHOD OF TEST FOR PROPAGATION FOR PRODUCTS.
PART 7: 1987 - METHOD FOR CLASSIFICATION OF THE SURFACE SPREAD OF FLAME OF MATERIALS.
PART 11: 1982(1988) - METHOD FOR ASSESSING THE HEAT EMISSION FROM BUILDING PRODUCTS.
PART 20: 1987 - METHOD FOR DETERMINATION OF THE FIRE RESISTANCE OF ELEMENTS OF CONSTRUCTION (GENERAL PRINCIPLES).
PART 22: 1987 - METHOD FOR DETERMINATION OF THE FIRE RESISTANCE OF NON-LOADBEARING ELEMENTS OF CONSTRUCTION.
PART 31 - METHODS FOR MEASURING SMOKE PENETRATION THROUGH DOORSETS AND SHUTTER ASSEMBLIES: SECTION 31.1 : 1983 - MEASUREMENT UNDER AMBIENT TEMPERATURE CONDITIONS.

BS 5839 : FIRE DETECTION AND ALARM SYSTEMS FOR BUILDINGS

PART 1: 1988 - CODE OF PRACTICE FOR SYSTEM DESIGN, INSTALLATION AND SERVICING.
PART 3: 1988 - SPECIFICATION FOR AUTOMATIC RELEASE MECHANISMS FOR CERTAIN FIRE PROTECTION EQUIPMENT.

BS 6651 : CODE OF PRACTICE FOR PROTECTION OF STRUCTURES AGAINST LIGHTNING.

BS 5266 : EMERGENCY LIGHTING

PART 1: 1988 - CODE OF PRACTICE FOR THE EMERGENCY LIGHTING OF PREMISES OTHER THAN CINEMAS AND CERTAIN OTHER SPECIFIED PREMISES USED FOR ENTERTAINMENT.

BS 5588 : FIRE PRECAUTIONS IN THE DESIGN, CONSTRUCTION AND USE
OF BUILDINGS

PART 4: 1978 - CODE OF PRACTICE FOR SMOKE CONTROL IN PROTECTED
ESCAPE ROUTES USING PRESSURIZATION.
PART 5: 1991 - CODE OF PRACTICE FOR FIREFIGHTING STAIRS AND LIFTS.
PART 9: 1989 - CODE OF PRACTICE FOR VENTILATION AND AIR CONDITIONING DUCTWORK.



BS 530: FIRE EXTINGUISHING INSTALLATIONS AND EQUIPMENT ON PREMISES

PART 1: 1976(1988) - HYDRANT SYSTEMS, HOSE REELS AND FOAM INLETS.

PART 3: 1985 - CODE OF PRACTICE FOR SELECTION, INSTALLATION AND MAINTENANCE OF PORTABLE FIRE EXTINGUISHERS.

BS 5423: 1987 : SPECIFICATION FOR PORTABLE FIRE EXTINGUISHERS

BS 2782: METHODS OF TESTING PLASTICS

PART 1 - THERMAL PROPERTIES: METHODS 120A, 120B, 120D AND 120E: 1990 DETERMINATION OF VICAT SOFTENING TEMPERATURE OF THERMOPLASTICS.

BS 5867: SPECIFICATION FOR FABRICS FOR CURTAINS AND DRAPES

PART 2: 1980(1993) - FLAMMABILITY REQUIREMENTS.

BS 5438: 1976: METHODS OF TEST FOR FLAMMABILITY OF VERTICALLY ORIENTATED TEXTILE FABRICS AND FABRIC ASSEMBLIES SUBJECTED TO A SMALL IGNITING FLAME.

BS 1635: 1972: RECOMMENDATIONS FOR GRAPHIC SYMBOLS AND ABBREVIATIONS FOR FIRE PROTECTION DRAWINGS.

EXTERNAL FIRE SPREAD: BUILDING SEPARATION AND BOUNDARY DISTANCE.

BUILDING RESEARCH ESTABLISHMENT (BRE) DEPARTMENT OF THE ENVIRONMENT, 1990

11. Invocation of the Emergency Procedure

NO

12. Grounds for the Emergency

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D. WILLIAMSON
COMEUR
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