

## 5. '81년도 방재 시험소 도서 구입(I)

[편집자 註] 방재 시험소 설립에 따른 기술 정보 처리 업무의 일환으로 그간 수집된 자료를 효과적으로 활용토록 하고자 本誌를 통해서 미국의 UL, FM, NFPA 자료를 소개함.

### < FM 자료 >

- P 7615 FM ENGINEERING AND RESEARCH
- P 7608 FM SYSTEM OFFICES
- P 7618 THE FM FIELD ENGINEER
- P 7708 RECORD(SPECIAL EDITOR)
- P 7908 PREVENTION
- P 7303 FM APPRAISAL SERVICES
- RECORD INDEX(1973-1977) (3)
- LOSS PREVENTION DATA SHEETS
- THE FM SYSTEM IN THE CANADIAN MOSAIC
- P 7883 PREFIRE PLANNING
- P 7120 PROP. CONS. MEANS ACTION
- P 7304 RECOVERY PLAN
- PL 1-91 WHAT HAS HAPPENED & BINDER
- P 7004 RISK MGT & PROP. CONS.
- P 6936 HOW MGT IS FORMULATING POLICY, ETC.
- P 7032 HOW TO SET UP A PROP. CONS. PROG.
- P 7906 ANATOMY OF A FIRE
- P 7724 FIRE PREV. INSPECTION
- P 7133 HOW TO CONTROL SHUT VALVE
- P 6910 YOUR'RE THE INSPECTOR
- P 7727 ARSON
- P 7718 P.S. WHILE C & W
- P 7914 INSP. PROCEDURES FOR WALL PIV'S
- P 7009 DEPENDABLES
- P 6909 EO WALLET FOLDERS
- P 8001 FLOOD
- P 7880 STORM WARNING
- P 7031 YOUR'RE THE CHIEF
- P 7024 YOUR'RE THE ONE ON WATCH
- P 7604 USING PORT. FIRE EXT'RS
- P 6814 C & W HAZARDS & PRECAUTIONS
- P 7049 MAINT & TESTING OF STEAM VALVES
- P 7424 PREVENTING LOW WATER BOILER FAILURES
- P 7856 PREV. MAINT FOR BOILERS & MACHINERY
- P 6810 FIRE-AND YOUR PUMP WON'T START
- P 7716 WINTER
- P 6911 YOU'RE THE SUPERVISOR
- P 6924 THE AUTOMATIC SPRINKLER
- P 7713 SMOKE DETECTORS
- P 7728 CONTROLLING THE HUMAN FACTOR
- P 7416 HOME GUIDE TO FS & SEC
- P 7838 HOME SAFE HOME

- P 7406 WHAT'S SPRINKLER
- P 7853 RESIDENTIAL SPRINKLER SYSTEMS
- P 6804 SOME COMMON FIRE CAUSES
- P 6714 WHAT IS FIRE
- P 7825 APPROVAL GUIDE
- P 7920 YOU MAKE THE DIFFERENCE
- P 7155 INT'L SUPP TO APP GUIDE
- P 7933 CONSTRUCTION HAZARDS
- P 7045 CONTROLLING FLAMMABLE LIQUIDS
- P 7613 CUTTING SPRINKLER SYSTEM INSTALLATION COSTS
- P 7705 DESIGNING THE FIRESAFE STEEL DECK
- P 7801 DO THE FIRE HAZARDS MULTIPLY
- P 8003 DYNAMICS OF DUST EXPLOSIONS
- P 8002 EARTHQUAKE PRECAUTIONS
- P 7324 ELECTRICAL FIRES
- P 6805 FOAMED POLYURETHANE
- P 6703 INDUSTRIAL TRUCKS
- P 7717 LPG
- 1-28 DS
- P 6221 PLASTIC FIRE HAZ CLASSIFICATIONS
- P 7923 POCKET GUIDE TO ARSON INVESTIGATION
- P 7881 PROGRAMMING FOR COMPUTER PROT
- P 7912 PROT FOR RACK STORAGE
- P 7043 QUALIFICATION OF WELDING PROCEDURES
- P 7422 STORED PLASTICS
- P 7612 THERMOVISION
- P 7844 BUILDING INSULATION
- P 6616 FIRE WALLS
- FM RESOURCES A USER'S CATALOG (1980-1981) (3)
- FIGHTING FIRE WITH FIRE ( FM TEST CENTER) (4)
- RECORD (JULY-AUGUST 1981)
- THE STORY OF THE FM SYSTEM (4)
- FM SPECIFICATION TESTED BUILDING MATERIALS GUIDE 1981
- FM ENGINEERING AND RESEARCH WHAT IT IS AND DOES (4)
- KEY PERSONNEL RESEARCH DIVISION (1979)
- UL RECOGNIZED COMPONENT DIRECTORY VOL. I
- UL RECOGNIZED COMPONENT DIRECTORY VOL. II
- FIRE PROTECTION EQUIPMENT DIRECTORY
- HAZARDOUS LOCATION EQUIPMENT DIRECTORY
- BUILDING MATERIALS DIRECTORY
- GAS AND OIL EQUIPMENT DIRECTORY
- AUTOMATIC BURGLARY PROTECTION MECHANICAL EQUIP DIRECTORY
- ELECTRICAL APPLIANCE AND UTILIZATION EQUIP DIRECTORY
- FIRE RESISTANCE DIRECTORY
- CLASSIFIED PRODUCTS DIRECTORY
- MARINE DIRECTORY
- TESTING FOR PUBLIC SAFETY
- THE STORY BEHIND UL
- SAFETY INSIDE AND OUTSIDE
- A NEW FACILITY FOR FIREPLACES
- ACOUSTIC NOISE MEASUREMENT FACILITY
- WHAT IT MEANS TO YOU

- NEW HYDRAULIC TESTING LABORATORY
- SERVICE AVAILABLE FROM UL
- HOW TO SPECIFY PRODUCTS THAT MEET UL SAFETY
- ACOUSTIC NOISE MEASUREMENT FACILITY REQUIREMENTS
- WHY FIRE DOORS
- ELECTRICAL CONSTRUCTION MATERIALS DIRECTORY
- METHOD OF DEVELOPMENT REVISION IMPLIMENT
- THE FACT FIND INVESTIGATION
- FLOOR AND CEILING TEST EQUIPMENT
- ANNUAL REPORT 1980
- CATALOG STANDARD FOR SAFETY
- TESTING FOR PUBLIC SAFETY (2)
- YESTERDAY TODAY TOMORROW

< UL STANDARD > (117)

4	9	10A	14B	14C	18	19	20	33	38	44	47	55A
55B	62	63	72	83	92	96	103	107	112	127	132	133
141	154	155	162	181	184	193	194	199	203	213	214	217
228	236	246	250	262	263	268	291	294	299	311	312	346
351	363	378	385	401	405	441	443	448	474	489	496	498
499	507	521	539	542	555	580	586	611	618	626	641	668
710	711	723	726	727	729	730	731	732	733	737	753	789
860	888	900	924	935	943	959	997	1,004	1,005	1,037	1,046	1,091
1,093	1,262	1,296	1,298	1,474	1,478	1,480	1,481	1,482	1,486	10B	.365	790

< NFPA 자료 >

- INDUSTRIAL FIRE HAZARDS HANDBOOK

< 기타 자료 >

- UNIFORM FIRE CODE STANDARDS
- THE OWNER BUILDER AND THE CODE
- UNIFORM BUILDING CODE
- MACHINERY'S HANDBOOK
- INDUSTRIAL POLLUTION CONTROL HANDBOOK
- Q.C HANDBOOK
- HANDBOOK OF FORMULARS FOR STRESS AND STRAIN
- PRINCIPLES OF HEAT TRANSFER
- THE PIPING GUIDE
- ASHRE HANDBOOK
- HANDBOOK OF AIR CONDITIONING, HEATING AND VENTILATING
- UNIFORM BUILDING CODE STANDARDS
- ONE AND TWO FAMILY DWELLING
- UNIFORM SIGN CODE
- UNIFORM BUILDING SECURITY CODE
- 1981 ACCUMULATIVE SUPPLEMENT TO UNIFORM BUILDING CODE

- UNIFORM ADMINISTRATIVE CODE
- UNIFORM FIRE CODE
- NATIONAL PLUMBING CODE HANDBOOK
- PUMP HANDBOOK
- S.F ELECTRICAL CODE
- MANAGEMENT IN THE FIRE SERVICE
- 1979 ANALYSIS OF REVISIONS
- DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS
- HANDBOOK OF THERMAL INSULATION DESIGN ECONOMICS FOR PIPES AND EQUIPMENT
- PRODUCT SAFETY MANAGEMENT AND ENGINEERING
- FIRE PROTECTION MANUAL FOR HYDROCARBON PROCESSING PLANTS
- CHEMICAL PROCESS INDUSTRIES
- AMERICAN NATIONAL STANDARD NATIONAL ELECTRICAL SAFETY CODE
- SMOKE, DUST AND HAZE FUNDAMENTAL OF AEROSOL BEHAVIOR
- THE CONDENSED CHEMICAL DICTIONARY
- FLAME RETARDANCY OF POLYMERIC MATERIALS (VOL4)
- DICTIONARY OF DATA PROCESSING
- HIGH TEMPERATURE AND FLAME RESISTANT FIBERS
- OCCUPATIONAL SAFETY, HEALTH AND FIRE INDEX
- 1981 CATALOG OF AMERICAN NATIONAL STANDARDS
- 비파괴 시험 교재 (1 권) [14]
- 備考 ; [ ] 내는 수량을 나타냄

## 6. 無線通信補助設備

지난번 개정된 소방법 시행령 제 21 조 (지하가)의 규정에 의하면 소방법 시행령 별표 1의 지하가로서 소방 시설을 설치하여야 할 소방 대상물 중 연면적이 1,000 m<sup>2</sup> 이상인 건물에는 무선 통신 보조 설비를 설치하도록 되어 있다.

이 설비는 지하가 등 전파가 미치기 어려운 장소에 진입한 소방대원과 지상 또는 방재 센터에 있는 소방대원과의 사이에 무선 통신이 효과적으로 행해지도록하는 설비로 무선기 접속단자, 누설동축 케이블, 안테나 등으로 구성되어 있다.

한편 일본에서는 1974년 법 개정시 소방활동상 필요한 설비로서 채택되었으며 지하가로서 연면적 1,000m<sup>2</sup> 이상의 건물에 설치하도록 의무화되어 있는 것은 우리나라와 같다.

1974년 일본 北陸 터널의 화재 사고를 계기로 하여 지하철, 지하가, 터널 등의 관계자에 대해 누설 동축 케이블등의 설치를 요망하여 무선 불통 지대에서의 소방용 무선 통신 확보에 적극 노력하여 왔으며 설치대상물도 상당히 증가하고 있다. 또한 본 설비는 기타 설비와의 공용 사용도 인정되고 있으며 일반적으로 경찰용, 시설 관리용과 공용하는 일이 많다.