order exist. Such order shall have the same force and effect as other orders issued by the Fire Official.

PART VI

CONTESTED CASES

Section 6.1. Appeals. Any appeal from the decision of the Fire Official in the administration of these rules may be submitted to the Building Board of Appeals for hearing and determination as specified in Section 204, Uniform Building Code, as amended, under Article 1, Section 16-1.1, Chapter 16, (Building Code) of the Revised Ordinance 1969. Procedures for appeal shall be in accordance with the Rules of the Building Board of Appeals, City and County of Honolulu.

EXHIBIT A

REPORT OF INSPECTION

(Fire Extinguishing Systems)

Inspection Report No. _____ Inspection Contract No. _____

Conferred With _____ Bureau File No. _____

	Yes	NA	No*
1. GENERAL			
a. Is the building occupied?			
b. Is occupancy same as previous inspection?			
c. Are all systems in service?			
d. Are all fire protection systems same as last inspection?			
e. Is building completely sprinklered?			
f. Are all new additions and building changes properly protected?			
g. Is all stock or storage properly below sprinkler piping?			
h. Was property free of fires since last inspection? (Explain any fire on separate sheet)			
i. In areas protected by wet system, does the building appear to be properly heated in all areas, including blind attics, perimeter areas and are all exterior openings protected against entrance of cold air?			
2. CONTROL VALVES (See Item 16)			
a. Are all sprinkler system main control valves open?			
b. Are all other valves in proper position?			
c. Are all control valves in good condition and sealed or supervised?			
3. WATER SUPPLIES (See Item 17)			
a. Was a water flow test made and results satisfactory?			
4. TANKS, PUMPS, FIRE DEPT. CONNECTIONS			
a. Are fire pumps, gravity tanks, reservoirs and pressure tanks in good condition and properly maintained?			
b. Are Fire Dept. connections in satisfactory condition, couplings free, caps in place and check valves tight?			
5. WET SYSTEMS (See Item 13)			
a. Are cold weather valves open or closed as necessary?			
b. Have anti-freeze systems been tested and left in satisfactory condition?			
c. Are alarm valves, water flow indicators and retards in satisfactory condition?			

REPORT OF INSPECTION
Page 2

	Yes	NA	No*
6. DRY SYSTEMS (See Item 14)			
a. Is dry valve in service and in good condition?			
b. Is air pressure and priming water level normal?			
c. Is air compressor in good condition?			
d. Were low points drained during fall and winter inspections?			
e. Are Quick Opening Devices in service?			
f. Has piping been checked for stoppage within the past 10 years?			
g. Has piping been checked for proper pitch within the past 5 years?			
h. Have dry valves been trip tested satisfactorily as required?			
i. Are dry valves adequately protected from freezing?			
j. Valve house and heater condition satisfactory?			
7. SPECIAL SYSTEMS (See Item 18)			
a. Were valves tested as required?			
b. Were all heat responsive systems tested and results satisfactory?			
c. Were supervisory features tested and results satisfactory?			
8. ALARMS			
a. Water motor and gong test satisfactory?			
b. Electric alarm test satisfactory?			
c. Supervisory alarm service test satisfactory?			
9. SPRINKLERS - PIPING			
a. Are all sprinklers in good condition, not obstructed, and free of corrosion or loading?			
b. Are all sprinklers less than 50 years old?			
c. Are extra sprinklers readily available?			
d. Is condition of piping, drain valves, check valves, hangers, pressure gauges, open sprinklers, strainers satisfactory?			
e. Are all sprinklers of proper temperature rating?			
f. Are portable fire extinguishers in good condition?			
g. Is hand hose on sprinkler systems satisfactory?			

*Explain "No" answers in Item #19

10. Date Dry System Piping last checked for stoppage. _____

11. Date Dry System Piping last checked for proper pitch. _____

12. Date Dry Pipe Valve last trip tested. _____

13. Wet Systems: No? Make and Model? _____

REPORT OF INSPECTION
Page 3

14. Dry Systems: No? Make and Model? _____

15. Special System: No? Type _____
Make and Model? _____ Condition? _____

16. CONTROL VALVES	No?	Type?	Open		Secured		Closed		Signs		Condition
			Yes	No	Yes	No	Yes	No	Yes	No	
City Connection Control Valve											
Tank Control Valves											
Pump Control Valves											
Sectional Control Valves											
System Control Valves											

17. WATER FLOW TEST

Water Pressure? ____CITY____PSI TANK____PSI FIRE PUMP____PSI

Water Flow Test?_____(If none made, why?) _____

Test Pipe Located	Size Test Pipe	Pressure Before	Flow Pressure	Test Pipe Located	Size Test Pipe	Pressure Before	Flow Pressure	Pressure After

18. HEAT RESPONSIVE DEVICES: Type?

Valve No. A B C D E F Valve No. A B C D E F
Valve No. A B C D E F Valve No. A B C D E F
Valve No. A B C D E F Valve No. A B C D E F
Valve No. A B C D E F Valve No. A B C D E F

Auxiliary Equipment: No?___Type?____Location?____Test Results?____

19. Explanation of any "No" answers. _____

20. Recent changes in building occupancy or fire protection equipment.

21. Adjustments or corrections made.

22. Desirable improvements.

REPORT OF INSPECTION
Page 4

DUPLICATE TO: _____

STREET _____ CITY & STATE _____

_____
INSPECTOR/CERTIFICATE NO.

_____
NAME OF COMPANY

_____
DATE

TEST PROCEDURE FOR STANDPIPE SYSTEMS

	Yes	NA	No
A. WET STANDPIPE			
1. Flow Test - Determine that the system and its water supply will meet one of the following test requirements. Test gauges shall be used to measure water flow quantities. The required water flow must be maintained for at least 30 seconds from systems supplied by street mains or gravity tanks and at least two minutes from systems supplied by booster pumps or pressure tanks.....			
Systems shall have residual pressures of not less than 25 p.s.i. at the topmost outlet on each riser when 35 gpm is flowing from each of two outlets on that riser simultaneously....			
2. Gravity Tank Supply - If the system is supplied by gravity tank, determine that the automatic filling system operates.....			
3. Pressure Tank Supply - Determine that automatic filling system operate when flow test is conducted. Check air pressure and water supply apparatus where installed.....			
4. Outlets - Check each outlet for signs of corrosion and leakage. Check for the installation of an approved pressure reducing device at outlets where the residual pressure will exceed 80 p.s.i.....			
5. Hose - Remove hose from outlet and rack or reel. Examine full length of hose section for mildew, cuts, abrasions and other deterioration. Check hose couplings, gaskets and nozzle for damage and obstructions.....			
B. COMBINATION SYSTEMS			
1. Flow Test - Flow 500 gpm through each riser from the uppermost outlets. The system shall maintain a residual pressure of 50 p.s.i. at the level of that outlet. Test gauges shall be used to measure residual pressures and a recognized method used to measure water flow quantities...			
2. Pump Test - Fire pumps shall be operated at 100 percent of their rated capacity and at pressures not less than 65 percent of their rated pressure for a minimum of 10 minutes. The pump must start automatically when roof level flow tests are made.....			
3. Outlets - Flow water from each outlet in the system in a manner that will indicate the valves are fully operable and that there is water pressure at that outlet.....			
4. Hose - Remove hose from outlet and rack or reel. Examine full length of hose section for mildew, cuts, abrasions and other deterioration. Check hose couplings, gaskets and nozzle for damage and obstructions.....			

	Yes	NA	No

C. DRY STANDPIPE SYSTEM

1. Air Test - Air test the system at 25 p.s.i. to determine if the system leaks. This is to avoid water damage to the building in event that piping has been broken off or disconnected..... _____

2. Hydrostatic Test - Fill the system completely with water and note the static pressure (head) on the test gauge installed on the lowest inlet connection. Hydrostatically test the system at a pressure 50 p.s.i. greater than the head pressure, but in no case less than 125 p.s.i... _____

3. Flow Test - Flow 100 gpm of water through the standpipe system to the roof outlet. A separate flow test shall be conducted through each inlet. Install a test gauge at the inlet being used to measure the inlet pressure. The maximum allowable pressure loss within the system due to friction shall be 15 p.s.i. Friction loss shall be determined by subtracting the static pressure (head) and outlet pressure from the inlet pressure while 100 gpm is flowing..... _____

4. Operate each outlet valve in the system to determine that it will function properly..... _____

EXHIBIT B

DO NOT REMOVE THIS TAG

Extinguishing System

Building Name

Jan					
Feb					
Mar					
Apr					
May					
Jun					
Jul					
Aug					
Sep					
Oct					
Nov					
Dec					
	76	77	78	79	80

Certificate No.

Signature Date

This tag indicates that this Fire Extinguishing System was inspected and tested, in accordance with the rules of the Fire Dept., City and County of Honolulu on matters relating to testing of fire extinguishing systems, by a competent person on the date marked on other side.

CERTIFICATION

I, BONIFACE K. AIU, Fire Chief, City and County of Honolulu, do hereby certify:

1. That the foregoing is a full and true correct copy of the Rules of the Fire Department, City and County of Honolulu, on matters relating to testing of fire extinguishing systems, which were adopted by me October 15, 1976.

2. That notice of public hearing on the foregoing Rules, which notice included a statement of the substance of the proposed rules, was published in the Honolulu Advertiser on September 25, 1976.

Boniface K. Aiu
BONIFACE K. AIU
Fire Chief

Approved this 12th day of January, 1977.

FRANK F. FASI
Mayor
City and County of Honolulu

APPROVED AS TO FORM:

Jennifer Minami
Deputy Corporation Counsel

Received this 14th day of January, 1977.

Eileen K. Lato
City Clerk

PUBLIC HEARING

HONOLULU FIRE DEPARTMENT

NOTICE IS HEREBY GIVEN of a public hearing to be held by the Fire Department of the City and County of Honolulu:

DATE: Friday, October 15, 1976
TIME: 2:00 p.m.
PLACE: Planning Conference Room,
City Hall Annex
Honolulu, Hawaii

or as soon thereafter so that interested persons may be heard to consider proposed rules of the Fire Department, City and County of Honolulu, relating to the testing of fire extinguishing systems and related devices pursuant to the provisions of the Building Code, Chapter 16, Revised Ordinances of Honolulu, 1969, including procedures to be followed in obtaining information, inspecting all final opinions, rules and orders of the Fire Chief, adopting, amending or repealing of rules, obtaining declaratory rules by the Fire Chief, and handling contested cases.

The proposed rules are on file in the office of the Fire Department, Room 305, 1455 South Beretania Street, and are available to the public for inspection during office hours.

All protests against or suggested changes to the proposed rules shall be filed in writing before the date of the public hearing.

BONIFACE K. AIU
Fire Chief

(Hon. Adv.: Sept. 25, 1976) (A-01667)