

**EXPO2005 GUIDELINES
FOR
OFFICIAL PARTICIPANTS**

GL 10-8

Guidelines for Fire and Disaster Control in the EXPO Site

(November 2004)



Japan Association for the 2005 World Exposition

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Introduction

These guidelines specify the requirements that should be observed to prevent fire and other disasters and, in the event of emergency, to ensure the security of people's lives and lessen damage, within the site of the 2005 World Exposition, Aichi, Japan (hereinafter referred to as the "Exhibition"). The purpose of these guidelines is to maintain a safe and comfortable environment for visitors and to ensure smooth operation of the Exhibition.

Part I Fire Control

1. Purpose of fire control

A person who has legitimate authority over fire control in a building (management authority holder), such as the representative of a business establishment, is required by the Fire Service Law to appoint a Fire-prevention supervisor and ensure thorough implementation of fire control activities.

The purpose of fire control is to prevent fire and to minimize damage should a fire occur. To these ends, fire control activities shall include development of fire-prevention and control plans specifying who should do what on a daily basis, and actions to be taken if a fire breaks out. It is also necessary to ensure daily management of fire safety, maintenance of fire-protection equipment and systems, and execution of firefighting exercises and evacuation drills.

2. Fire-prevention supervisor

(1) Appointment of Fire-prevention supervisor

For exhibition, commercial, event and administration facilities and other buildings within the Exhibition site ("Pavilions etc."), Fire-prevention supervisors shall be appointed.

The management authority holders of Pavilions etc. shall appoint Fire-prevention supervisors before commencing use of their Pavilions etc. (before completion of construction work). (The deadline for appointment is February 28, 2005.)

(2) Requirements and qualifications for Fire-prevention supervisor

Fire-prevention supervisors to be appointed shall be in a managerial or supervisory position (for example, Pavilion Director or deputy) and shall have certain qualifications.

As Fire-prevention supervisor qualification courses, municipal fire authorities provide Type-A fire control training sessions (two-day course). For more information on qualification courses, contact the relevant Group of the Association.

(3) Outsourcing fire-prevention supervision

In principle, Fire-prevention supervisors must be management authority holders or must be selected from among employees under the supervision of management authority holders. However, if it is difficult for the person in a managerial or supervisory position to obtain qualification as a Fire-prevention supervisor and carry out fire control operations due to language or other problems, and if there is no Japanese employee who can stand in for that person, the participant may outsource Fire-prevention supervisor functions (to a security company, for example), the Nagakute Town Fire Headquarters permitting.

Regarding requirements and procedures for outsourcing the functions of a Fire-prevention supervisor, contact the relevant Group of the Association.

(4) Duties of Fire-prevention supervisor

Duties of Fire-prevention supervisors are shown below. To ensure thorough execution of these duties, the participant shall appoint, under the Fire-prevention supervisor, a person responsible for voluntary inspection, a person responsible for fire prevention, a person responsible for fire safety, a capacity management team and a smoking management team, as necessary.

- 1) Preparation of fire-control plans
- 2) Execution of firefighting, communication and evacuation drills
- 3) Inspection and maintenance of fire-protection equipment and systems
- 4) Supervision of use or handling of fire
- 5) Maintenance of structures and facilities necessary for evacuation and fire prevention
- 6) Management of seating capacity
- 7) Other duties necessary for fire control

(5) Fire control planning

The primary duty of Fire-prevention supervisors is preparation of fire-control plans.

A fire-control plan is a document that stipulates periodic training sessions and drills and other fire-prevention measures to be taken on a daily basis and ensure smooth implementation of activities in case of emergency.

Fire-prevention supervisors shall prepare fire-control plans before commencement of building use (before completion of construction work). (The deadline for preparation is March 10, 2005.)

In formulating such plans, refer to the fire-control planning guidelines separately prepared by the Association.

3. Notification

- (1) Upon appointment of a Fire-prevention supervisor, the management authority holder shall immediately notify the relevant fire department, using the Form on Attachment 1. The same applies when the Fire-prevention supervisor is changed.

Upon completion of a fire-control plan, the management authority holder shall immediately notify the relevant fire department, using the Form on Attachment 2. The same applies when the fire-control plan is modified.

- (2) In addition to the cases specified in (1), management authority holders must submit a notification or application to the relevant fire department regarding the following:

1) Notice of fire drill

2) Notice of remodeling or other work on Pavilions etc.

3) Submission of plan for safety measures during work execution

4) Permit for smoking, use of open flame, or carrying-in of hazardous materials

5) Permit for, or notification of, storage and handling of hazardous materials, designated inflammable materials, compressed acetylene gas, etc.

6) Notice of use of fireworks or other action that may generate smoke etc. and may be confused with a fire

7) Notice of event

8) Notice of installation of, or change in, gas equipment or other fire-using equipment or apparatus (hereinafter referred to as “fire-using equipment etc.”)

9) Notice of installation of power-generating and -transforming facilities, storage battery, or neon light facilities

10) Report of fire-protection equipment and systems inspection results (equipment inspection

and overall inspection)

* In addition to the items listed in 1) through 10), other notification or application may be required. Follow instructions given by relevant fire department.

(3) After submitting notifications etc. specified in (1) and (2) to the relevant fire department, management authority holders shall also submit copies of the notifications etc. to Overall Fire Control Officer through their Area Fire Control Officers.

* Overall Fire Control Officer and Area Fire Control Officer are described in 6-(2).

4. Rules to be observed for fire control

(1) Restrictions on use of fire etc.

In principle, smoking, use of open flame and carrying-in of materials that are fire hazards (hereinafter referred to as “smoking and other actions”) are prohibited in exhibition, event and other facilities where visitors come in and out. To allow smoking and other above activities, it is necessary to obtain a permit from the relevant fire department.

* Within the Exhibition site, a clear distinction is made between where people can and cannot smoke. Smoking is not allowed except in designated smoking areas, whether indoors or outdoors. We ask your understanding and cooperation in this matter.

(2) Evacuation management

In Pavilions etc., objects that may obstruct evacuation efforts shall not be placed at emergency exits, passageways, stairs, escape passages or other facilities used in evacuation. In exhibition, commercial and event facilities, escape route plans shall be posted in places easily observable by visitors.

In holding a special event in a theater, the participant shall determine and display seating capacity, keep the number of visitors within the capacity, and make an announcement regarding evacuation before the performance begins.

(3) Fire control during work execution

In executing construction or other work in Pavilions etc., the Fire-prevention supervisor shall carefully coordinate safety measures during the work with the contractor.

No work shall be executed during open hours of Pavilions etc.

(4) Arson-prevention measures

Pavilions etc. shall make efforts to prevent arson in their facilities, keeping the following matters in mind:

- 1) Do not leave combustible materials carelessly lying around the building.
- 2) Be sure to lock the doors of storage rooms and other places that are left unattended most of the time, as well as the doors of vehicles in the parking lot.
- 3) Install surveillance cameras, patrol the facility and take other measures to watch for arson.

(5) Implementing inspections and checks

i. On-site inspection by fire authorities

Personnel from the relevant fire department may conduct on-site inspections. If the fire department points out any defect or problem in fire control at the facility, the Fire-prevention supervisor shall immediately take remedial action, and shall report the results thereof to the head of the relevant fire department and Overall Fire Control Officer.

ii. Inspection at closing time of Pavilions etc.

A Fire-prevention supervisor, a person responsible for fire prevention or other personnel shall check fire-using equipment etc. at facility closing time, or shall ensure that the last person leaving the facility checks such equipment. Items to be checked at closing time include ashtrays, cigarette butts, hazardous materials and places where fire is used. If any problem is found, the participant shall immediately take necessary action and shall report the problem to the Association Control Department to receive instructions.

iii. Voluntary inspection and check

Participants shall carry out inspections and checks on a voluntary basis on fire-protection equipment and systems, structures, fire-prevention and evacuation facilities, fire-using equipment etc. and electric facilities in their Pavilions etc.

Such inspections and checks shall be conducted in accordance with the following procedures and fire-control plans:

1) Structures, fire-prevention and evacuation facilities, fire-using equipment etc., electric facilities

- Structures, fire-prevention and evacuation facilities and electric facilities shall be inspected at least once a month.

- Fire-using equipment etc. shall be checked before and after use.

- * Be sure to check whether the duct in the kitchen has been cleaned.

2) Fire-protection equipment and systems

- Equipment inspections and overall inspections shall be conducted in the period from March 1 to 24, 2005. (These inspections shall be conducted at least every six months.)

* Fire-protection equipment and systems shall be inspected by a fire-protection engineer or similar license holder as specified in Article 17.3.3 of the Fire Service Law.

If any defect is found as the result of a check or inspection, the management authority holder shall immediately take remedial action.

5. Education and training

(1) Personnel education

Management authority holders shall educate personnel working in their Pavilions etc. regarding fire and disaster prevention. To ensure that pavilion staff fully understands the contents of fire-control plans and what actions they should take in the event of fire or other disaster, the training programs shall be designed to familiarize trainees with the following:

- 1) Fire control plans, and not only the trainees' own duties but also those of other personnel in the pavilion
- 2) Locations of passageways, emergency exits (escape gates) and evacuation routes in the building
- 3) Locations and operation of fire extinguishers, indoor and outdoor fire hydrants, alarm bells, emergency notification systems, fire doors and other fire-protection equipment and systems
- 4) Other information related to fire control and disaster prevention that trainees should know as staff, and rules that visitors are expected to observe for the purpose of fire control and disaster prevention

(2) Training of firefighting team

After developing fire control plans, Fire-prevention supervisors shall organize firefighting teams and conduct fire drills, including fire extinguishing, communication and evacuation exercises. Through such drills, they will examine how their pavilion staff should act in the event of fire or other emergency. Each pavilion shall conduct a fire drill at least once before Exhibition opening. Before holding a drill, the participant shall submit the drill plan to the Overall Fire Control Officer.

Additionally, the Association will conduct a comprehensive fire drill on March 12, 2005, in which persons related to Pavilions etc. are expected to be present as participants or observers.

6. Fire control for entire site

The fire control organization for the entire Exhibition site is shown in Attachment 3, “EXPO Fire Control Organization.”

(1) Fire control in Pavilions etc.

Each pavilion shall execute fire control operations in the area the pavilion is responsible for, under the leadership of the pavilion’s Fire-prevention supervisor.

(2) Overall Fire Control Officer

The Association shall set up a new post of Overall Fire Control Officer, who will oversee fire control operations in the Exhibition site, and shall assign to the post the Deputy Secretary-General of Site Management and Operations Department of the Association.

The Overall Fire Control Officer shall carry out duties necessary for overall fire and disaster prevention within the Exhibition site, such as development of comprehensive fire-control plans covering the entire Exhibition site, and provision of guidance to the Fire-prevention supervisors of Pavilions etc.

The Association shall also appoint a Deputy Overall Fire Control Officer and Area Fire Control Officers to assist the Overall Fire Control Officer. An Area Fire Control Officer shall be assigned for each Global Common or zone, and shall serve as a liaison and coordinator with the Overall Fire Control Officer for the Pavilions etc. in the area he/she is responsible for.

(3) Liaison meetings of management authority holders and Fire-prevention supervisors

To ensure consistency in fire control operations in the entire Exhibition site, the Association shall call, as needed, meetings of management authority holders and Fire-prevention supervisors of Pavilions etc.

7. Firefighting for entire site

The firefighting organization for the entire Exhibition site is as shown in Attachment 4.

(1) Pavilion Fire Team

In each pavilion or the like the participant shall, in accordance with the fire-control plan developed by the Fire-prevention supervisor, organize a firefighting team consisting of members selected from the facility's staff, and shall appoint a team leader from among those in managerial or supervisory positions (Pavilion Director or deputy).

The Pavilion Fire Teams shall handle fires and other emergencies that occur in the area the pavilion is responsible for.

1) Report to the Association Control Department (extension 110).

* The Control Department will report to the fire department and the police department.

2) Guide visitors and others outdoors to a safe place.

3) Initial firefighting activities

(2) Organizer Security Unit Fire Team

The Association shall establish an Organizer Security Unit Fire Team, which will cope with fires and other emergencies that occur in the areas not covered by Pavilions etc. The Fire Team, consisting of Security Guards working under the direct control of the Organizer Security Unit and Area Security Guards, shall also assist Pavilion Fire Teams under directives issued by the EXPO Fire Marshal.

(3) EXPO Fire Marshal

If a disaster occurs within the Exhibition site, the Secretary-General of the Association shall serve as the EXPO Fire Marshal and shall take command of firefighting teams to coordinate their activities.

To assist or stand in for the EXPO Fire Marshal, an Association Fire Marshal (Deputy Secretary-General of the Site Management and Operations Department) and a Deputy Association Fire Marshal (Director General of Site Management & Service Group Director General) shall be appointed.

8. Fire authorities

- (1) The official organization responsible for fire services for the Nagakute Area is the Nagakute Town Fire Headquarters.

The Nagakute Town Fire Headquarters will establish a temporary fire station within the site during the Exhibition period, to carry out fire control operations in the Nagakute Area.

To be more specific, the Headquarters will deploy a fire engine, aerial ladder truck, rescue truck and ambulance on the first floor of the EXPO Administration Office Premises, and another ambulance at North Gate.

In the Seto Area, the Seto City Fire Department will establish a temporary fire station within the site to carry out fire control operations in the Seto Area.

Fire control operations include firefighting, rescue operation and emergency medical service, as well as provision of guidance on fire prevention to Pavilions etc.

- (2) Operation period of on-site fire stations

Firefighting, rescue and emergency medical services: From early March to September 25, 2005 (Plan)

Guidance on fire prevention (only in the Nagakute Area): From early January to September 30, 2005 (Plan)

* Fire services in the periods outside the above periods will be provided by existing organizations of the Nagakute Town Fire Headquarters and Seto City Fire Department.

Part II Disaster Measures

To prepare against and cope with natural disasters, such as earthquakes, typhoons, heavy rains and lightning, the Association shall implement: 1) emergency preparedness measures; 2) Tokai Earthquake countermeasures; and 3) emergency actions.

1. Emergency preparedness measures

(1) Disaster prevention organization and plan

The EXPO fire control organization, consisting of Fire-prevention supervisors of Pavilions etc., shall also be responsible for implementing emergency preparedness measures; the firefighting organization, consisting of firefighting teams of Pavilions etc., shall also be responsible for emergency actions.

In accordance with comprehensive fire-control plans developed by the Overall Fire Control Officer, the Association shall stipulate matters relating to disaster prevention for the entire Exhibition site.

(2) Preparation of emergency supplies

a. The Association will prepare following emergency supplies:

- Food supply comprising approximately 400,000 meals for visitors

* Drinking water is available within the Exhibition site.

- Blankets

10,000 blankets for visitors

- Equipment, tools and materials

Equipment, tools and materials for use by the Organizer Security Unit Fire Team in their firefighting activities

b. Emergency supplies that Pavilions etc. are expected to prepare include:

- Food

Three-day supply of food and paper cups, etc. for all workers in the pavilion or the like

- Blanket

Necessary number of blankets etc. for all workers in the pavilion or the like

- Equipment, tools and materials

Megaphone, flashlight, batteries, medical supplies, plastic sheet, rope, shovel, pickax, rescue tool kit, sandbag, barrow and other equipment, tools and materials necessary for fire and disaster control

* Some of the above equipment, tools and materials can be replaced by those used for

security activities. It should be noted that use of megaphones and loudspeakers is prohibited at normal times.

(3) Evacuation plan

a. Evacuation site etc.

As evacuation places for visitors in an emergency, the Association will set up evacuation waiting sites, temporary evacuation sites, evacuation sites and evacuation centers.

(i) Evacuation waiting sites

Open spaces near Pavilions etc. in the Global Commons and Zones will be used for temporary evacuation of visitors, so as to soothe their fears and prevent panic immediately after an earthquake, and lessen possible injury caused by secondary accidents.

(ii) Temporary evacuation sites

Temporary evacuation sites are outdoor spaces used to accommodate evacuees in the early stage of a disaster. The Association has designated EXPO Plaza and other squares and bus terminals in the vicinity of the Exhibition site, including West Terminal, as temporary evacuation sites.

As relay points to evacuation sites, these sites will be used to temporarily secure visitor safety while checking on earthquake damage, and to form visitors into groups before guiding them to evacuation sites.

(iii) Evacuation sites

For visitors unable to return home on the day of a disaster, the Association will provide available spaces. Such evacuation sites include the temporary evacuation sites described in (ii), as well as the grounds and playing fields of nearby universities, a junior high school and agricultural experimental station that have agreed to cooperate.

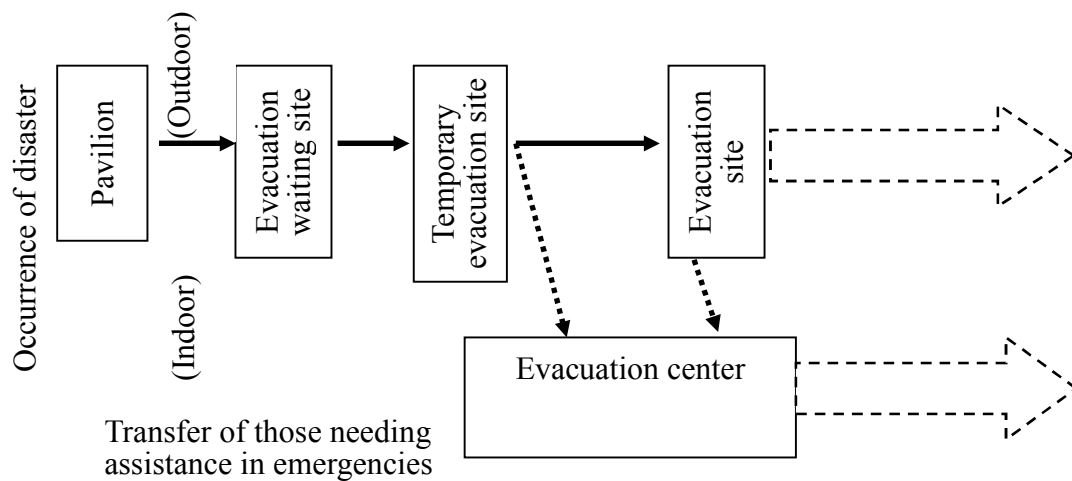
(iv) Evacuation centers

The Association will preferentially transfer elderly, physically handicapped and other persons needing assistance in emergencies to indoor evacuation centers from the evacuation waiting sites, temporary evacuation sites or evacuation sites.

Within the Exhibition site EXPO Hall, EXPO Dome Citizens' Pavilion, Aichi Pavilion Seto and other facilities will be used as evacuation centers after confirming their safety following the occurrence of a disaster.

Evacuation centers outside the Exhibition site include the gymnasiums of nearby universities that have agreed to cooperate.

[Evacuation flow chart in the event of earthquake]



b. Evacuation and protection of visitors and staff in Pavilions etc.

(i) Pavilion Fire Team Leaders shall guide visitors and their staff to safe places

(evacuation waiting sites). According to the situation, the Association will then guide them to temporary evacuation sites or evacuation centers.

(ii) In guiding evacuees, Pavilion Fire Team Leaders shall give priority to those needing assistance in emergencies (such as the elderly, handicapped, infants, pregnant, ill and foreigners).

(iii) In evacuation waiting sites, Pavilion Fire Team Leaders shall give priority to those needing assistance in emergencies, for example, by forming a group of such people to take special protective measures.

(4) Implementation of education and training programs

In accordance with Section 5, Part I of these guidelines, Pavilions etc. shall provide disaster management education and training to their Fire Teams and other staff members.

2. Tokai Earthquake countermeasures

Nagakute Town and Toyoda City, municipalities that include the Nagakute Area, have been designated as municipalities subject to strengthened earthquake disaster measures vis-à-vis possible Tokai Earthquake.

(1) On-site Tokai Earthquake countermeasures

In the Exhibition site, the Association will take the following actions in response to information announced in three stages by the Japan Meteorological Agency regarding Tokai Earthquake. These action plans shall apply to the entire Exhibition site, including the Nagakute and Seto Areas.

- a. In response to “Tokai Earthquake observation information” (announced if there is an anomalous change in seismic and tectonic data that cannot be immediately adjudged precursory to earthquake):

The Association will establish a Risk Management Preparation Office, collect information on the possible earthquake, communicate the observed information to personnel and Pavilions etc., and make announcements to visitors where necessary.

- b. In response to “Tokai Earthquake warning information” (announced if anomalous data possibly precursory to Tokai Earthquake increase):

The Association will establish a Risk Management Office, implement preparatory disaster management activities in anticipation of the earthquake, communicate warning information to personnel and Pavilions etc., and close the Exhibition site.

In closing the Exhibition site, the Association shall carry out the following procedures:

- 1) Communicate to personnel and Pavilions etc. via public address system, on-site communication network terminals and telephones.
- 2) Make emergency announcements to visitors.
- 3) To prevent panic, the Organizer Security Unit shall work with the off-site security unit to guide visitors toward their way home.
- 4) Obtain information on services of public transportation systems from the Association’s Transportation Group, relevant public transportation facilities and other sources to ensure means of transportation for visitors returning home, and announce the traffic information obtained.

5) Make an announcement asking visitors to refrain from making telephone calls but to use the disaster telephone message service instead, so that lines can remain open for emergency use.

c. In response to a preliminary alert (announced when Tokai Earthquake becomes imminent):

If a preliminary alert is issued, public transportation systems will suspend service in Nagoya City, Toyoda City, Nagakute Town and other municipalities subject to strengthened earthquake disaster measures. Therefore it will be difficult for visitors and others to return home, other than on foot.

The Association will establish a Risk Management Headquarters, implement preparatory disaster management activities in anticipation of the earthquake, communicate the preliminary alert and Tokai Earthquake prediction information to personnel and Pavilions etc., and close the Exhibition site.

In closing the Exhibition site, the Association shall carry out the following procedures:

- 1) Communicate to personnel and Pavilions etc. via public address system, on-site communication network terminals and telephones.
- 2) Make emergency announcements to visitors.
- 3) To prevent a panic, the Organizer Security Unit shall work with the off-site security unit to guide visitors toward their way home.
- 4) Obtain information on services of public transportation systems from the Association's Transportation Group, relevant public transportation facilities and other sources to ensure means of transportation for visitors returning home, and announce the traffic information obtained.
- 5) Take measures to prevent fire (instruction to suspend use of equipment that may generate a fire, restriction of gas supply, reconfirmation of locations of fire extinguishers, inspections of outdoor and indoor fire hydrants and disaster-management equipment, tools and materials etc.).
- 6) Conduct an emergency checkup and temporary reinforcement of facilities etc. (check facilities and equipment; take measures to prevent goods from falling; execute temporary reinforcement and other necessary actions).
- 7) Contact municipalities and organizations concerned (Aichi Prefecture, Nagoya City, Seto City, Toyoda City, Nisshin City, Nagakute Town, the police department, the fire department, public transportation facilities) to coordinate activities.
- 8) Make an announcement asking visitors to refrain from making telephone calls but to

use the disaster telephone message service instead, so that lines can remain open for emergency use.

The Association will take these countermeasures against a Tokai Earthquake, with which countermeasures Pavilions etc. are expected to coordinate their disaster management activities.

3. Emergency actions

(1) Earthquake disaster response

The Association will take the following actions, according to the intensity of the earthquake.

a. Intensity of 4 or below

In the event of an earthquake with intensity of 4 on the Japanese seven-stage seismic scale, a Risk Management Preparation Office will be set up within the Association.

Fire-prevention supervisors of Pavilions etc. shall immediately conduct safety checks in their facilities; if any trouble is found, they shall communicate the fact to the Association Control Department.

Items to be checked

- 1) Damage to the building
- 2) Gas leakage
- 3) Leakage of hazardous substance
- 4) Water leakage
- 5) Trouble in fire-using facilities and equipment
- 6) Trouble in electric facilities and equipment
- 7) Exhibits and others that have fallen or may fall
- 8) Other items that may require emergency measures for safety reasons

After conducting these safety checks, the Fire-prevention supervisors shall, in principle, make a report (if needed) to the Overall Fire Control Officer. If trouble is detected, all possible measures shall be taken to restore the situation to its former state. When safety is fully assured, the management authority holder of the pavilion shall obtain permission from the Overall Fire Control Officer to use the building, so that operation of the pavilion can be resumed.

b. Intensity of lower 5

In the event of an earthquake with intensity of lower 5 on the Japanese seven-stage seismic scale, a Risk Management Office will be set up within the Association.

Pavilions etc. shall also take emergency actions. To ensure visitor safety, the Fire-prevention supervisor shall give instructions for guiding visitors immediately to an evacuation waiting site near the pavilion. In effecting such guidance, priority must be given to protection of the physically handicapped, the elderly, infants, foreigners and other visitors who need assistance in emergency. Facility safety check procedures shall accord with those in the event of earthquake with intensity of 4 or below. After confirming that no visitor remains in the pavilion, the Fire-prevention supervisor shall conduct safety checks. If trouble is detected, all possible measures shall be taken to restore the situation to its former state.

When safety is fully assured, the management authority holder of the pavilion shall obtain permission from the Overall Fire Control Officer to use the building, so that operation of the pavilion can be resumed.

c. Intensity of upper 5

In the event of an earthquake with intensity of upper 5 on the Japanese seven-stage seismic scale, a Risk Management Headquarters will be set up within the Association.

Pavilions etc. shall also take emergency actions. Procedures for visitor evacuation and safety check of facilities shall accord with those in the event of an earthquake with intensity of lower 5. If a safety check of the facility is expected to take a long time, it is necessary to guide visitors to the temporary evacuation site allocated to the Global Common. Before starting such evacuation, the fire control supervisor shall explain the situation to the visitors, and shall contact the Association Control Department to obtain the cooperation of the Organizer Security Unit in guiding visitors.

If the safety check of the facility is unlikely to be completed within the operating hours of the Exhibition, the management authority holder of the pavilion shall report to the Association Control Department.

When safety is fully assured, the management authority holder of the pavilion shall obtain permission from the Overall Fire Control Officer to use the building, so that operation of the pavilion can be resumed.

If the Association has decided to close the Exhibition site due to significant damage to Pavilions etc., Pavilions etc., in cooperation with Risk Management Headquarters, shall guide visitors toward their way home.

d. Measures for visitors who cannot return home

After an earthquake, the Association will help visitors return home by providing information on public transportation services and giving assistance to visitors who will walk home. For visitors who cannot return home, the Association will take the following measures:

(i) Food and other supplies

- 1) The Association will prepare a one-day supply of food and other supplies for visitors who cannot return home.
- 2) On and after the second day of evacuation, food and other supplies will be provided to visitors who cannot return home by obtaining cooperation from Aichi Prefecture and relevant municipalities etc.

The Association will also obtain cooperation from bread-making companies and other food manufactures.

(ii) Other

Among Pavilions etc., theaters and other facilities with spaces that can be used as temporary shelters are expected to receive some evacuees.

(2) Climatic disaster response

Regarding closing or opening of Pavilions etc. in case of climatic disaster, Pavilions etc. shall take action considering rainfall, wind velocity, typhoon course, speed and size, lightning and other meteorological forecasts, in coordination with Risk Management Headquarters, Risk Management Office or Risk Management Preparation Office established by the Association.

Climatic disaster responses shall accord with the Manual for Coping with Typhoon, Lightning and Other Climatic Disasters, and the following guidelines:

a. Heavy rains etc.

- (i) In principle, the Association will cope with disaster caused by heavy rains by establishing a Risk Management Headquarters, Risk Management Office or Risk Management Preparation Office based on weather forecasts and warnings.

In either the Nagakute or Seto Area, no area is designated a calamity danger district. However, heavy rainfall in a short period of time could cause mudslides or flooding in the Exhibition site, due to the low water-absorptive capacity of the land, which was newly developed for the Exhibition. Therefore, the Organizer Security Unit and Pavilion Fire Teams shall take precautionary measures on the assumption that heavy rain can flood the low-lying areas and basements of facilities for which the fire teams

are responsible.

- (ii) If the water level of a pond within the Exhibition site rises due to heavy rain and there is a possibility of flooding, the Association shall take measures, such as sandbagging the banks. Pavilion Fire Team Leaders, if their buildings are subject to imminent flooding, to prevent flood disaster, shall report to the Association Control Department and deploy staff and emergency equipment and materials in places of higher risk, with assistance of the Organizer Security Unit Fire Team and other organizations.
- (iii) If wooden blocks, signboards etc. have been carried by the floodwater, Pavilion Fire Teams shall take necessary measures to prevent their becoming obstacles on walkways for visitors or on roads for ambulances and other emergency vehicles. If it is necessary to evacuate visitors and others due to flooding, the Pavilion Fire Team Leader shall contact the Association Control Department to obtain cooperation of the Organizer Security Unit in guiding visitors to a safe place.

b. Windstorms etc.

- (i) In principle, the Association will cope with windstorms by establishing a Risk Management Headquarters, Risk Management Office or Risk Management Preparation Office, based on weather forecasts and warnings. Pavilions etc. shall follow the instructions given by the Association.
- (ii) If a storm warning has been issued or a gale is expected, movable signboards must be fixed and banners must be removed by the responsible persons. Such items installed on the Global Loop, in particular, should be fixed or removed promptly, since they are more vulnerable to strong winds.
- (iii) Regarding the giant Ferris wheel, Gondola, trams etc., the respective managers shall establish guidelines for safety control measures, including suspension of operation.
- (iv) Evacuation center
For evacuation of visitors in case of a storm, the Association shall take prompt action by establishing a Risk Management Headquarters, Risk Management Office or Risk Management Preparation Office, to ensure that visitors who cannot return home are not left within the Exhibition site. Visitors who cannot return home will be lodged in an evacuation center. Pavilions etc. shall follow the instructions given by the Risk Management Headquarters, Risk Management Office or Risk Management Preparation Office.
- (v) Food and other supplies
The Association will provide visitors with food saved against emergency.

c. Lightning and hail

- (i) In principle, the Association will cope with lightning and hail by establishing a Risk Management Headquarters, Risk Management Office or Risk Management Preparation Office, based on weather forecasts and warnings.
- (ii) In the district including the Exhibition site, thunderclouds are spawned relatively readily. In addition, thunderstorms may be accompanied by hail. After receiving lightning information, the Association will take the following measures to prevent injury to visitors and damage to facilities, information and communications equipment etc.
 - 1) The Association will make an announcement throughout the Exhibition site regarding the approach of a thundercloud, to call visitors' attention. If there is a possibility of lightning or hail striking the Exhibition site, the Association will additionally give the following instructions:
 - Take shelter in a safe, indoor place or in a bus. It is dangerous to take cover from the rain under the eaves of a building.
 - Do not stand near tree trunks. It is dangerous to take shelter under a tall tree.
 - 2) When the approach of a thundercloud is highly likely, the Organizer Security Unit and security units of Pavilions etc. shall guide visitors into buildings. The Organizer Security Unit shall patrol the Exhibition site and guide any visitors found outdoors to a safe place.

If a thundercloud approaches and it is highly likely that lightning will strike the Exhibition site, the Association may ask, if necessary, Pavilions etc. to temporarily suspend indoor events or shows so that visitors can take shelter in the buildings.
- (iii) When risk of lightning or hail has passed, the Association will communicate that information to the management authority holders of Pavilions etc., as well as to visitors.

別記様式第 1 号の 2 の 2
Attached Form No. 1-2-2

防火管理者選任（解任）届出書
Notification of Appointment (Removal) of Fire-prevention Supervisor

		Date: 年 月 日 (YY) (MM) (DD)						
To:		殿 届 出 者 Submitted by: 住 所 Address 氏 名 Name (印) (法人の場合は、名称及び代表者氏名) (In case of a corporation, enter names of corporation and representative.) Signature						
下記のとおり防火管理者を選任（解任）したので届け出ます。 I hereby serve notice that I have appointed (removed) a Fire-prevention supervisor as detailed below:								
防火対象物 Facility subject to fire control	所在地 Address							
	名 称 Name	電話 Tel. ()						
	用 途 Purpose of use	令別表第 1 () 項 Item (), Table 1, Ordinance	収 容 人 数 Capacity					
	種 別 Type	甲種・乙種 A/B	管 理 権 原 Management authority	単 一 権 原 ・ 複 数 権 原 One facility/Multiple facilities				
	区 分 Category	名 称 Name	用 途 Purpose of use	収容人数 Capacity				
	※消防法施行令第 2 条を適用するもの * Facilities to which Article 2 of Enforcement Ordinance of Fire Service Law applies							
	※消防法施行令第 3 条第 2 項を適用するもの * Facilities to which Article 3, Paragraph 2 of Enforcement Ordinance of Fire Service Law applies							
	防火管理者 Fire-prevention supervisor	選 任 Appointment	氏 名・生 年 月 日 Name, date of birth	年 月 日生 (YY) (MM) (DD)				
住 所 Address								
選任年月日 Date of appointment			年 月 日 (YY) (MM) (DD)					
職務上の地位 Title								
資格 Qualification			講 習 Course	講習機関 Provided by	種 別 Type	甲種・乙種 A/B	修了年月日 Completion date	年 月 日 (YY) (MM) (DD)
解 任 Removal		その他 Other	令第 3 条第 1 項第 号 () Ordinance Article 3, Paragraph 1, Item ()					
			規 則 第 2 条 第 号 () Regulations Article 2, Item ()					
			氏 名・生 年 月 日 Name, date of birth	年 月 日生 (YY) (MM) (DD)				
			住 所 Address					
			解任年月日 Date of removal	年 月 日 (YY) (MM) (DD)				
解任理由 Reason for removal								
そ の 他 必 要 事 項 Other necessary information								
※※ 受 付 欄 ** Space for notes at reception		※※ 経 過 欄 ** Space for follow-up notes						

備考 1 この用紙の大きさは、日本工業規格 A4 とすること。
2 ※印の欄は、消防法施行令第 2 条を適用するものにあつては同一敷地内にある同令第 1 条の 2 の防火対象物ごとに、消防法施行令第 3 条第 2 項を適用するものにあつては管理権原者に属する部分ごとに記入すること。
Remarks 1. Use Japan Industrial Standard A4 size paper.
2. Regarding items marked with “※”: for “Facilities to which Article 2 of Enforcement Ordinance of Fire Service Law applies,” the entries must be made according to the group of facilities subject to fire control, defined in Article 1-2 of the Ordinance, that are located on the same premises; and for “Facilities to which Article 3, Paragraph 2 of Enforcement Ordinance of Fire Service Law applies,” entries must be made according to the section covered by the management authority holder.

別記様式第 1 号の 2
Attached Form No. 1-2

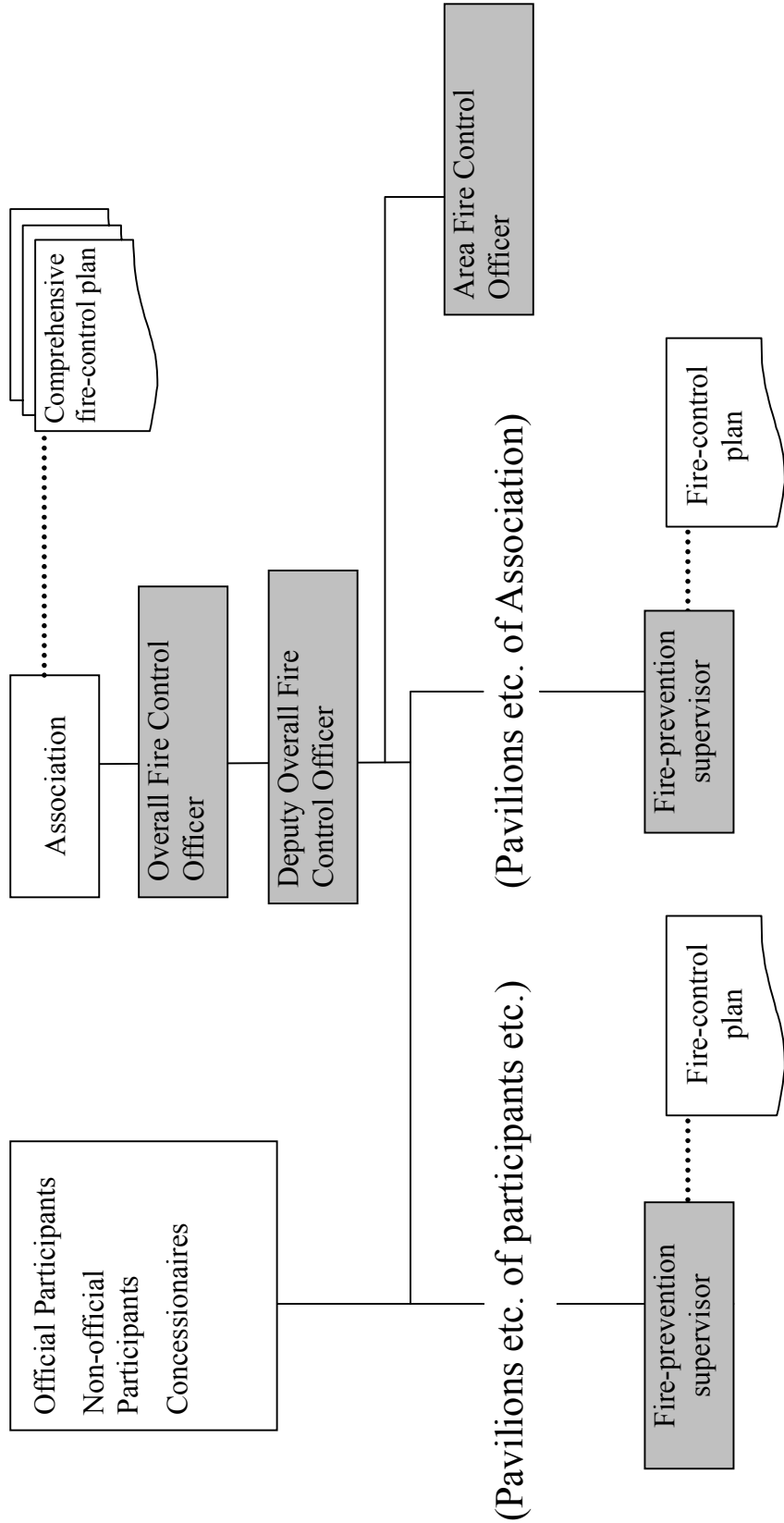
消防計画作成（変更）届出書
Notification of Preparation (Modification) of Fire Control Plan

Date: 年 月 日 (YY) (MM) (DD)	
To: 殿	防火管理者 Fire-prevention supervisor 住 所 Address 氏 名 Name (印) Signature
	管理権原者 Management authority holder 住 所 Address 氏 名 Name (印) (法人の場合は、名称及び代表者氏名) Signature (In case of a corporation, enter names of corporation and representative.)
下記のとおり消防計画作成（変更）したので届け出ます。 I hereby serve notice that I have prepared (modified) a fire-control plan for the facility detailed below.	
防火対象物の所在地 Address of facility subject to fire control	
防火対象物の名称 〔変更の場合は、変更後の名称〕 Name of facility subject to fire control 〔In case of modification, enter name of new facility subject to control.〕	
防火対象物の用途 その他必要な事項 〔変更の場合は、主要な変更事項〕 Purpose of use and other necessary information of facility subject to fire control 〔In case of modification, enter major changes.〕	
※ 受 付 欄 * Space for notes at reception	※ 経 過 欄 * Space for follow-up notes

備考 1 この用紙の大きさは、日本工業規格 A4 とすること。
2 ※印欄は、記入しないこと。

Remarks 1. Use Japan Industrial Standard A4 size paper.
2. Omit spaces marked with “*.”

EXPO Fire Control Organization



EXPO Firefighting Organization

