EXPO2005 GUIDELINES
FOR
OFFICIAL PARTICIPANTS

GL10-6

Guidelines for Procedures Related to Use of Utilities and Maintenance of Facilities etc. (Water supply and sewage, gas, electricity and chilled water for air conditioning)

(August 2004)

EXPO
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JAPAN

Japan Association for the 2005 World Exposition

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IV. Forms

Introduction

These Guidelines set forth procedures to be followed by participants in using, and maintaining facilities for, such utilities as water supply and sewage, gas, electricity and chilled water for air conditioning provided by the Japan Association for the 2005 World Exposition (hereinafter referred to as "the Association") at the site of the 2005 World Exposition, Aichi, Japan (hereinafter referred to as "the Site"), in accordance with Special Regulation No. 10 concerning general services (hereinafter referred to as "Special Regulation No. 10").

According to Article 21, Paragraph 1 of the Special Regulation No. 10, 'participants who wish to use water, gas, electricity, and chilled water for air conditioning shall, as separately specified by the Organizer, apply on the prescribed application form to the Organizer, as a general rule, no later than March 25, 2004, and conclude a service contract.' With issuance of these Guidelines, however, such participants are requested to apply for such services using an Application for Use of Water Service [Form W-1], Application for Use of Gas [Form G-1], Application for Use of Electricity [Form E-1] and Application for Use of Chilled Water for Air Conditioning attached hereto, no later than September 15, 2004, or one month before start of use of such services, whichever comes first.

For the Exhibition, with acceptance (issuance of a letter of acceptance) by the Association of such an application for use, submitted by the participant in accordance with these Guidelines, a service contract for the relevant utility service shall be deemed concluded.

After submitting these applications, the participants will need to apply for the start of temporary supply of water and electricity for construction works in accordance with their construction schedule; they will then need to apply for the start of all utility services for the Exhibition.

After Exhibition closure, the participants shall restore their allocated spaces to their original state, no later than October 25, 2005, by removing facilities and structures therein. To meet this requirement, the participants are requested to submit a notification of termination of use of each service at least 5 days in advance. [Article 21, Paragraph 3 of the Special Regulation No. 10]

In connection with these Guidelines, a list of utility rates will be issued separately.

I. Procedures for Use of Utilities

1. Overview of procedures

Stage	Time	Participant	Association	Water supply	Sewage	Gas	Electricity	Chilled water
(A) Application for use	September 15, 2004 or one month before start of use whichever comes first.	Application for use Form W-1 Form G-1 Form E-1 Form C-1	→	Application for Use of Water Service	Application for Use of Water Service can be used.	Application for Use of Gas	Application for Use of Electricity	Application for Use of Chilled Water for Air Conditioning
				[Accompanying documents: Location map (indicating location within the Site), facility design drawing, calculation sheet (of estimated consumption etc.): 4 copies each]				
(B-1) Application for supply for construction	One month before start of use	Application for start of supply Form W-2 Form E-2	→	Submission of application for start of water supply	Application for start of water supply can be used.	Gas will not be supplied for construction works.	Submission of application for start of electricity supply	Chilled water will not be supplied for construction works.
				[Accompanying documents: Specifications of sanitary facilities, specifications of electric facilities, statement of basis for maximum electricity demand estimation, layout drawing, facility drawings: 4 copies each]				
(B-2) Commencement of construction	At time of commencement GL4- 9 “Guidelines for Facility Construction in Pavilions.etc.”	Report on Commencement of Construction (GL4-9)	→	Submission of notification of construction with the following documents for approval [Accompanying documents: Construction schedule, temporary facility plans (electric facility plan for construction work, water supply/sewage facility plan for construction work, etc.), construction safety plan, voluntary inspection sheet: 4 copies each]				
(B-3) Completion of temporary facility works (B-4) Start of supply for construction	After completion of temporary facility works (One week before desirable inspection date) GL 4- 9 “Guidelines for Facility Construction in Pavilions.etc.”	Report on Completion of Construction (GL4-9) Record of Pre-service inspection (GL4-9) Witness Start of use	Pre-service inspection Passed Meter-reading/ Supply	After voluntary inspection, a report on completion of temporary facility works and the records of voluntary inspections shall be submitted in accordane with the GL 4-9 “Guidelines for Facility Construction in Pavilions etc.” . [Accompanying documents: Completion drawing, records of voluntary inspections (water supply/sewage, electricity): 4 copies each] Pre-service inspection (Examination of records and on-the-spot facility inspection), Record of Pre-Service Inspection [Form 4] In the presence of a construction supervisor, the meters will be read before opening the valve and starting power supply.				
(B-5) Use of services (during construction)		Witness Payment	Meter reading Billing of service fees	Submission of records of implementation in accordance with the construction safety plan Meter reading on a fixed date each month, and service fees shall be paid on the basis of bills issued by the Association, Payment of service fees in a manner that the Association designates				
(C-1) Application for start of supply for the Exhibition	One month before start of use	Application for start of supply Form W-2 Form G-2 Form E-2 Form C-2	→	Submission of application for start of supply [Accompanying documents: Safety plan, emergency contact organizational chart, specifications of sanitary facilities, specifications of gas facilities, specifications of electric facilities, statement of basis for maximum electricity demand estimation, specifications of air-conditioning facilities, location map, facility construction completion drawing, water supply application drawing and CAD data, piping diagram of facilities for chilled water for air conditioning and CAD data: 4 copies each] (For use of equipment generating harmonics, a harmonic current calculation sheet should also be submitted.)				
(C-2) Completion of constructio (C-3) Start of supply	After completion of construction (A week before desirable inspection date) GL4- 9 “Guidelines for Facility Construction in Pavilions.etc.”	Report on Completion of Construction (GL4-9) Record of Pre-service inspection (Form 4) Witness Start of use	Pre-service inspection Passed Meter-reading/ Supply	After voluntary inspection, a report on completion of temporary facility works and the records of voluntary inspections shall be submitted in accordane with the GL 4-9 “Guidelines for Facility Construction in Pavilions etc.,” . [Accompanying documents: Completion drawing, records of voluntary inspections (facilities for water supply and sewage, gas, electricity and chilled air for air conditioning): 4 copies each] Pre-service inspection (Examination of records and on-the-spot facility inspection), Record of Pre-Service Inspection [Form 4] In the presence of a manager responsible for use of such services, the meters will be read before opening the valves and starting power supply.				
(C-4) Use of services		Witness Payment	Meter reading Billing of service fees	Submission of records of implementation in accordance with the safety plan Meter reading on a fixed date each month, and issuance of bills accordingly Payment of service fees within 21 days from issuance of bills				
(D) Termination of use	5 days before termination of use (Article 21, Paragraph 3 of the Special Regulation No. 10)	Notification of use termination Forms W/G/E/C-3 Witness Payment	Meter reading/ Shut off Billing of service fees	Submission of notification of use termination In the presence of a manager responsible for use of such services, the final meter reading will be conducted before closing the valves and stopping power supply. Issuance of bills by the Association based on the final meter reading Payment of service fees in a manner that the Association designates				

2. Procedures at each stage

(A) Application for use

With the understanding of the provisions of the Special Regulation No. 10 concerning general services, the participants shall apply for the use of utilities by submitting an Application for Use of Water Service [Form W-1], Application for Use of Gas [Form G-1], Application for Use of Electricity [Form E-1] and Application for Use of Chilled Water for Air Conditioning, attached hereto, no later than September 15, 2004, or one month before start of use, whichever comes first. Participants applying for such services after the deadline may not be provided with the capacity of services needed.

[Accompanying documents: Location map (indicating location within the Site), facility design drawing, calculation sheet (of estimated consumption etc.): 4 copies each]

(B) Temporary supply for facility construction in pavilions and other buildings

(B-1) Application for start of supply for construction

During the period of facility construction in pavilions and other buildings, water supply and sewage and electricity services will be available using temporary facilities.

The participants who wish to temporarily use water and electricity for their construction works during the construction period shall submit an Application for Start of Water Supply (for construction) [Form W-2] and Application for Start of Electricity Supply (for construction) [Form E-2] at least one month before the start of use.

Gas and chilled water will not be supplied for construction works.

As contact person, the name of an environmental sanitation manager shall be entered in the Application for Start of Water Supply, and the name of a safety manager in the Application for Start of Electricity Supply. These applications shall be accompanied by necessary documents.

[Accompanying documents: Specifications of sanitary facilities, specifications of electric facilities, statement of basis for maximum electricity demand estimation, location map, facility drawings: 4 copies each]

(B-2) Commencement of construction

Before starting construction work, the participants shall, in accordance with the GL 4-9 "Guidelines for Facility Construction in Pavilions etc.," submit a report on commencement of construction.

Before connecting temporary water supply and sewage facilities to the conduits installed by the Association, the participants should give prior notice thereof to the Association.

In documents relating to electric facility works, the participants shall make it clear whether the electric facility will be used for construction work or for the Exhibition.

Participants who wish to install a power generation facility shall consult with the Association separately.

The use of electrical work materials, electrical equipment and other electrical appliances at the Site shall be in accordance with the relevant ordinances of the Electrical Appliance and Material Safety Law.

Please note that the Association may examine the status of utility user's facility construction works, as occasion demands.

(B-3) Completion of temporary facility works

Upon completing temporary water supply and sewage facility works and temporary electric facility works, participants shall conduct voluntary inspections and submit a report on completion of temporary facility works in accordance with the report on completion of construction stipulated in the GL 4-9 “Guidelines for Facility Construction in Pavilions etc.,” and the records of voluntary inspections, at least one week before the date on which the participant wishes to accept inspection by the Association.

Voluntary inspections shall be carried out responsibly in the presence of a manager responsible for the participant’s facilities.

The Association will fix an inspection date in consultation with the utility user.

[Accompanying documents: Completion drawing, records of voluntary inspections (water supply and sewage, and electricity): 4 copies each]

(B-4) Start of supply for construction

The Association will conduct a pre-service inspection (examination of records and on-the-spot facility inspection). If the temporary facilities pass inspection, the Association shall read the meters, open the valve and give approval to start of electricity supply.

Before opening the valve and starting power supply, initial meter reading will be conducted in the presence of a construction supervisor.

In the pre-service inspection, the Association will examine the specifications of electric facilities and the statement of basis for maximum electricity demand estimation (attached to the application for electricity supply for construction works) to confirm that participant’s electric facilities are compatible with the power distribution facilities and pose no risk to facilities installed by other participants or the Association.

Temporary facility works completion drawings should be made available for the pre-service inspection; a safety manager (chief engineer) shall be present at all stages of the inspection.

The participant will also be requested to prepare, and submit to the Association, a Record of Pre-Service Inspection [Form 4].

(B-5) Use of services (during construction)

Meters will be read on a fixed date each month. Service fees shall be paid on the basis of bills issued by the Association, in accordance with the procedures described hereinafter. Pursuant to Article 28, Paragraph 1 of the Special Regulation No. 10, if participants fail to pay their bills by the due date, the Organizer may suspend or limit supply.

Participants shall carry out daily checkups under their safety manager’s supervision, in accordance with a construction safety plan, and shall store the records of such checkups without fail.

Participants wishing to change their temporary electric facilities or status of electricity use shall consult with the Association.

The safety manager shall, on a monthly basis, summarize and submit to the Association the results of checkups so that the Association can confirm the status of implementation. If any inadequacy is found in the items covered by checkups or the records of checkups, the Association will call for remedial action or provide on-the-spot guidance.

Participants may be requested to allow the Association into their allocated spaces for investigation, if trouble occurs in any of the facilities of the Association or other participant.

After the electricity supply has been initiated, power may be interrupted due to natural disaster, or due to planned outage under unavoidable circumstances, such as implementation of power supply works for other participants. The Association will give prior notice to participants regarding the date and time of any such planned outage; the understanding and cooperation of participants are requested.

(C) Supply during the Exhibition period

(C-1) Application for start of supply for the Exhibition

Participants wishing to use water and sewage, gas, electricity and chilled water for air conditioning during the Exhibition period shall submit, at least one month before the start of use, an Application for Start of Water Supply (for the Exhibition) [Form W-2], Application for Start of Gas Supply (for the Exhibition) [Form G-2], Application for Start of Electricity Supply (for the Exhibition) [Form E-2], and Application for Start of Supply of Chilled Water for Air Conditioning (for the Exhibition) [Form C-2].

As contact person, the name of an environmental sanitation manager shall be entered in the Application for Start of Water Supply and Application for Start of Supply of Chilled Water for Air Conditioning; the name of a fire protection supervisor, in the Application for Start of Gas Supply; and the name of a safety manager, in the Application for Start of Electricity Supply.

These applications shall be accompanied by necessary documents. Participants wishing to use equipment that generates harmonics shall also submit a harmonic current calculation sheet.

[Accompanying documents: Safety plan, emergency contact organizational chart, specifications of sanitary facilities, specifications of gas facilities, specifications of electric facilities, statement of basis for maximum electricity demand estimation, specifications of air-conditioning facilities, location map, facility construction completion drawing, water supply application drawing and CAD data, piping diagram of facilities for chilled water for air conditioning and CAD data: 4 copies each]

(C-2) Completion of construction

Upon completion of construction, participants shall conduct voluntary inspections and, in accordance with the GL4-9 “Guidelines for Facility Construction in Pavilions etc.,” submit to the Association a report on completion of construction and the records of voluntary inspections at least one week before the date on which participant wishes to accept inspection by the Association.

Voluntary inspections shall be carried out responsibly in the presence of the participant’s responsible person.

The Association will fix an inspection date in consultation with the participant.

Participants shall attach the following documents to the report on completion of construction stipulated in the GL 4-9.

[Accompanying documents: Completion drawing, records of voluntary inspections (facilities for water supply and sewage, gas, electricity and chilled water for air conditioning): 4 copies each]

(C-3) Start of supply

The Association shall carry out a pre-service inspection (examination of records and on-the-spot facility inspection). If the facilities pass inspection, the Association shall read the meters, open the valves and give approval to the start of electricity supply. The Association

will request the presence of the participant's personnel when reading the meters. The valves will be opened and power supply will start in the presence of a manager responsible for the use of these services.

Prior to opening the valve of chilled water for air conditioning, the Association will check the status of internal pipe cleanliness, water quality and evacuation status for piping on the user's side, for which check the presence of a construction supervisor will be requested.

In the pre-service inspection, the Association will examine the specifications of electric facilities and the statement of basis for maximum electricity demand estimation (attached to the application for electricity supply), to confirm that the participant's electric facilities are compatible with the power distribution facilities and pose no risk to facilities installed by other participants or the Association. The utility user shall observe the estimated maximum electricity demand and other contract conditions approved on the basis of the application for use.

Completion drawings should be made available for the pre-service inspection. A safety manager (chief engineer) shall be present in all stages of the pre-service inspection by the Association. The participants will also be requested to prepare, and submit to the Association, a Record of Pre-Service Inspection [Form 4].

Even if the participant's facilities pass pre-service inspection by the Association, the participant may not be able to use the facilities until they have been inspected by the authorities concerned.

(C-4) Use of services

Meters will be read on a fixed date each month. Service fees shall be paid on the basis of bills issued by the Association, in accordance with the procedures hereinafter described. Pursuant to Article 28, Paragraph 1 of the Special Regulation No. 10, if participants fail to pay their bills by the due date, the Organizer may suspend or limit supply.

Participants shall conduct daily checkups under the safety manager's supervision, in accordance with a safety plan, and shall store the records of such checkups without fail.

Participants wishing to change their electric facilities or status of electricity use shall consult with the Association.

The safety manager shall, on a monthly basis, summarize and submit to the Association the results of checkups so that the Association can confirm the status of implementation. If any inadequacy is found in the content or records of checkups, the Association will call for remedial action or provide on-the-spot guidance.

Participants may be requested to allow the Association into their allocated spaces for investigation, if trouble occurs in any of the facilities of the Association or other participant.

After the electricity supply has started, power may be interrupted due to natural disaster, or to planned outage under unavoidable circumstances, such as implementation of power supply works for another participant. The Association will give prior notice to participants regarding the date and time of such planned outage; the understanding and cooperation of the participants are requested.

(D) Termination of use

Participants wishing to terminate use of water, gas, electricity and chilled water for air conditioning shall submit to the Association a Notification of Termination of Water Use [Form W-3], Notification of Termination of Gas Use [Form G-3], Notification of Termination of Electricity Use [Form E-3] and Notification of Termination of Use of Chilled Water for Air Conditioning [Form C-3], at least 5 days before use termination.

On the day of use termination, in the presence of a manager responsible for use of such services, the final meter reading will be conducted before valve closure.

The service fees for the period from the last meter-reading day to the termination date shall be paid on the basis of bills issued by the Association, in accordance with the procedures hereinafter described.

3. Points of note in using utilities

1. Period during which utilities are available

From September 16, 2004 to October 25, 2005

2. Guaranty deposits and arrearage charges

Regarding payment of guaranty deposits and arrearage charges stipulated in Article 25, Paragraph 3 of Special Regulation No. 10, the Association will set separate guidelines and inform participants.

3. Discontinuance or limitation of services

(1) The Association may suspend or limit the supply of water, gas, electricity or chilled water for air conditioning, should any of the following pertain.

(In such case, the Association shall give prior notice to the participant regarding the date, time and scope of such suspension or limitation, with the exception of emergency situations.)

1) In case of natural disaster or *force majeure*
2) In case of failure in any of the supply and disposal facilities, or if the risk of such failure is detected
3) If any of the supply and disposal facilities needs repair or other construction work
4) If such suspension or limitation is deemed necessary for security reasons

(2) The Association shall not be held responsible for any damage incurred by the utility user due to the suspension, discontinuance or limitation of the services in keeping with the provisions of the preceding paragraph.

4. Service fees

The Association shall bill the total amount of the fees for water supply and sewage, gas, electricity and chilled water for air conditioning. The participant must pay service fees on the basis of bills issued by the Association, in accordance with the procedures hereinafter described. Utility rates shall be in accordance with a separate set of guidelines.

5. Chilled water for air conditioning

The participant shall use chilled water for air conditioning within the scope of the purposes and service conditions specified by the Association. In connecting their chilled water receiving facility pipe with the Association's facility, the participant must conduct pipe cleaning and pressure testing in accordance with the following procedures, and their facilities must pass inspections carried out by the Association.

(1) Pipe cleaning

1) Confirm that strainer is mounted on secondary side return pipe.
2) For circulating water in secondary side pipe, install temporary pump suitable for volume of water needed to clean pipe.
3) Remove calorimeter (flow meter) or take other measure to protect instrument during cleaning.
4) Install chemical feeder for initial injection into pipe. Use chemicals designated by the Association.

(2) Pressure test

Carry out pressure test by applying water pressure 1.5 times the maximum pressure, for one hour or longer.

(3) Opening of valve

After confirming results of (1) and (2) above, Association will check blow water quality, evacuation status and strainer condition, then open section valve to run water.

* Water quality will be inspected by visual check of color, residue determination etc.

6. Supply of electricity

(1) Supply system

Three-phase 3-wire 200 VAC 60 Hz One-phase direct grounding
(Ground voltage: 200 V for two wires and 0 V for one wire)
Single-phase 3-wire 200/100 VAC 60 Hz Neutral line direct grounding
(Ground voltage: 0 V for neutral line; 100 V for wires of two different voltages)

(2) Low-voltage short-circuit protection

A low-voltage panel board master MCCB will be installed in the low-voltage circuit of the Association's cubicle-type high-voltage incoming power transforming unit.
Since it may be difficult to coordinate instantaneous protection against operation-area short circuit (series trip) between the low-voltage panel board master MCCB and each branch circuit, depending on the panel board composition, the facilities are designed to allow short circuit.

(3) Low-voltage ground-fault protection

To prevent low-voltage electric shock, the participant shall install a ground-fault interrupter that meets the engineering standard for electrical installations, shall carry out grounding work, and shall take other measures to protect against ground fault in areas where such measures are deemed necessary based on experience (outdoor, waterside).
It should be noted that the low-voltage panel board master MCCB installed by the Association in the cubicle-type high-voltage incoming power transforming unit does not have a ground-fault interruption/protection function, since the MCCB was designed with priority on electricity supply, due to the difficulty of coordinated interruption in the event of a ground fault.

Participants are advised to take adequate measures for protection and safety, such as equipping their distribution board branch circuits with ground-fault interruption/protection function.

(4) Integrating wattmeter for bill calculation

A participant wishing to use an integrating wattmeter for calculation of bills need not install such equipment, since the Association will install certified integrating wattmeter, transformer etc.

(5) Power factor of low-voltage equipment

Participants are advised to use high power factor equipment and take other measures for power factor improvement.

7. Special equipment

(1) Equipment that generates harmonics and other special equipment

Equipment that generates harmonics (inverter, thyristor-controller etc.) is subject to harmonic emission control pursuant to the "guideline to reduce harmonic emissions for high-voltage and extra high-voltage power users" (issued in September 1994 by the then Ministry of International Trade and Industry). Participants planning to install equipment that emits high intensity harmonics must strictly comply with the above guideline and take necessary measures.

Since electric power is supplied to the Site based on an extra high voltage power-receiving contract, a participant planning to use harmonics-generating equipment covered by the above guideline (those not covered by the "guideline to reduce harmonic emissions caused by electrical and electronic equipment for household and general use") must complete and submit a Calculation Sheet for Harmonic Current Flow from Harmonic Source [Form 5]. The Association will compile documents submitted by participants and consult with Chubu Electric Power Company.

If, as a result of said consultation, it is concluded that measures are needed to prevent harmonic emissions, the Association will discuss adjustments with participants as required.

Participants planning to install special equipment that may cause flicker noise or other problems shall also consult with the Association in advance.

(2) Power-generating facilities

Participants planning to connect their power-generating facilities (decentralized energy system: photovoltaic power, wind power, fuel cell, micro gas turbine etc.) to the Association's power supply line shall consult with the Association in advance, since such facilities fall under the category of power plants for private use. Participants planning to install such facilities shall consult with the Association in advance..

Conditions for connection will be based on the results of consultation between the Association and Chubu Electric. Depending on the result, the participant may be required to install an extra high voltage interconnection protector.

(3) Standby power generator for emergency

A participant wishing to install a standby power generator shall consult with the Association in advance, since such generator may fall under the category of smoke-generating facilities, notice of whose installation must be given in advance.

(4) Brief power outage or momentary voltage drop

If a failure occurs in any of Chubu Electric's transmission facilities or the Association's facilities, a power outage or voltage drop (momentary voltage drop) will occur for the period of time necessary to isolate the failure point (approximately one second at the longest).

In addition, although the Association has installed a system that automatically switches to a standby line in the event of a power failure in Chubu Electric's 77-kV normal power supply line, power supply will be cut off for approximately three seconds. Accordingly, participants are advised to design their facilities such that there will be no safety problem with their equipment even in the event of a momentary voltage decrease or brief power outage.

(5) When the Association is required to submit notification to the authorities concerned regarding installation of special equipment other than electric load equipment, such as standby power generator, the participant concerned shall be responsible for preparing documents necessary for such notification.

8. Applicable laws and guidelines in executing electrical work

Electrical work shall be carried out in accordance with the relevant Japanese laws and regulations, including the Electricity Utilities Industry Law, engineering standard for electrical installations, and interior wiring rules.

Equipment and materials to be used shall satisfy the applicable Japanese standards, such as JIS, JEC, JEM and JCS, and the provisions of the Electrical Appliance and Material Safety Law. However, to facilitate global purchase of equipment and materials, those that meet IEC (International Electrotechnical Commission) standards may be used insofar as the standard is deemed as strict as or stricter than the Japanese standards.

In using such equipment, if the equipment or material is not approved by the engineering standard for electrical installations, the participant shall examine how the equipment or material differs from its counterpart in the Japanese standard, and shall submit to the Association for prior approval a document stating that there will be no safety threat in using said equipment or material in Japan.

II. Service Fees

1. Payment of service fees

1) The total amount of service fees and other expenses will be billed. The Association will issue bills accompanied by detailed breakdowns of such fees and expenses.
   Consumption tax will be rounded to the nearest whole number.
2) In principle, payments shall be made by transferring money to an account designated by the Association. If a participant opens a nonresident yen deposit account with a bank designated by the Association, the participant will be exempted from transfer charges.
   For details, refer to a separate set of guidelines for payment of fees that the Association charges participants.
3) Payments shall be made in Japanese currency.
4) In principle, fees and expenses will be totaled as of the end of each month, the bill to be paid by around the end of the following month (once per month).
   The due date of payment into the account shall be specified in the bills.

2. Contact

For inquiries and procedures relating to the use of utilities, please contact:

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Aichi-gun,Aichi 486-1101 Japan
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III. Procedures for Maintenance of Facilities etc.

1. Matters common to all utilities

1-1. Scope of responsibility and maintenance of facilities etc.

(1) Participants shall be responsible for maintenance of facilities (pavilions and other buildings) allocated to the participant and equipment installed therein (hereinafter referred to as "Facilities etc."). Facilities etc. include all pieces of equipment installed in the participant's allocated area, even if installed by the Association (for example, lighting and telecommunication equipment and power distribution board within the pavilion or building).

(2) Participants shall carry out maintenance of their Facilities etc. to ensure continued reliability of the functions of these facilities. If participants detect any problems in their Facilities etc., they shall promptly make repairs or take other measures as required, at their own expense. Upon completion of such repairs or measures, the participant shall promptly report to the Association.

(3) If an accident occurs in any of the Facilities etc. under the participant's responsibility and causes harm to a third party, the participant concerned shall settle the case responsibly.

1-2. Legal compliance

Participants shall carry out maintenance of their Facilities etc. in compliance with the relevant laws and the guidelines and standards set by the Association. Participants shall also carry out routine observations, checkups or inspections according to the category of Facilities etc., referring to the attached Standards for Execution of Maintenance Work.

1-3. Creation of maintenance structure

Participants shall create a structure necessary for maintenance of Facilities etc. and shall appoint maintenance managers.

1-4. Notification of maintenance managers

For maintenance of their Facilities etc., participants shall appoint maintenance managers prior to the start of supply of utility services, and shall provide information on such managers at the time of applying for start of supply. Any changes in such information must be promptly reported to the Association by submitting a notification of change. Appointed managers shall work together with the Association's maintenance managers etc. in good faith, keeping in close contact with them.

Maintenance managers and their roles

Maintenance manager		Role	Time of notification	Remarks
1	Safety manager	Safety management of electrical facilities	At the time of applying for start of use	
2	Fire protection supervisor	Fire protection and safety management in the building	At the time of applying for start of use	
3	Environmental sanitation manager	Environmental sanitation management in the building	At the time of applying for start of use	

1-5. Measures to deal with emergencies

(1) To prepare for earthquakes, fire, terrorist acts or other emergencies, participants shall take the following precautionary measures:

1) Establishment of a structure to deal promptly with an emergency to ensure safety of visitors, and creation of an emergency contact organization

2) Plans for emergency report to the Association and other parties concerned, and plans for accurate response to emergency situation

(2) To prevent a recurrence of similar accidents, participants shall carry out the following activities after an emergency:

1) Identification of the causes of the accident, and study of preventive measures

2) Preparation of a report on actions taken to deal with the emergency situation

1-6. Maintenance of completion drawings, documents, operation/maintenance records etc.

(1) Completion drawings and documents

Participants shall always maintain the following documents necessary for operation and maintenance of Facilities etc., including completion drawings, throughout the Exhibition period, and shall provide safekeeping for such documents for three months after closing of the Exhibition.

1) Completion drawings
2) Specifications
3) Documents submitted to the Association
4) Instruction manuals, photographs of construction works
5) Other major documents necessary for operation and maintenance

(2) Operation/maintenance records etc.

Participants shall organize the following operation/maintenance records and documents in accordance with the form separately provided by the Association, shall submit such reports to the Association on a monthly basis, and shall provide safekeeping for said documents for three months after closing of the Exhibition:

1) Records of routine observations, inspections and measurements
2) Records of accidents
3) Records of repair works etc.
4) Operating records
5) Other major operation/maintenance records

2. Maintenance of water service

2-1. Maintenance of water service facilities

(1) Participants shall execute maintenance of their water service facilities so as to ensure continued reliability of their functions. Participants shall also carry out routine observations, checkups or inspections according to the category of Facilities etc., referring to the attached Standards for Execution of

Maintenance Work.

(2) If participants detect any problems in their water service facilities or water quality, they shall promptly make repairs or take other measures as required, at their own expense.

(3) Upon completion of such repairs or measures, participants shall promptly have their facilities inspected by the Association.

(4) Participants shall not use fire hydrants except in emergency or for fire practice approved by the Association. When participants use fire hydrants for fire practice, a responsible person of the Association will be present.

(5) Participants shall not use sprinkler systems installed by the Association without permission. Participants are requested to conserve water and refrain from letting water run while doing work using waster.

2-2. Water quality inspection

Participants whose facilities are covered by the Law for Maintenance of Sanitation in Buildings shall carry out water quality inspections as required by law, and shall report the results to the Association.

3. Maintenance of sewage facilities

3-1. Maintenance of sewage facilities

(1) Participants shall periodically check their sewage facilities for abnormality. If they detect any problem, they shall promptly make repairs or take other measures as required, and shall promptly report the details of the problem to the Association.

(2) Participants shall be responsible for expenses required for such repairs or measures.

(3) Participants shall also carry out routine observations, checkups or inspections according to the category of Facilities etc., referring to the attached Standards for Execution of Maintenance Work.

4. Maintenance of gas facilities

4-1. Maintenance of gas facilities

(1) Participants shall periodically check their gas facilities to ensure safety management. Participants shall also carry out routine observations, checkups or inspections according to the category of Facilities etc., referring to the attached Standards for Execution of Maintenance Work.

(2) Participants shall carry out maintenance of air supply and exhaust ventilation systems of gas appliances to ensure their reliable functions.

(3) In using gas appliances, participants shall execute safety management to prevent fires. Participants shall take necessary fire-prevention measures, such as keeping inflammables away from gas appliances.

(4) Participants shall secure sufficient space around gas appliances to allow operation, combustion check, inspection and repair of such appliances.

(5) Participants shall securely install gas appliances to prevent them from falling in an earthquake, and shall carry out maintenance of gas appliances, and pipes connecting with them, to prevent damage.

5. Maintenance of chilled-water supply and air-conditioning facilities

5-1. Maintenance of chilled water supply facilities

(1) Participants shall routinely check their chilled water receiving facilities extending from the section valves for the following problems:
   1) Water leak from chilled water pipes, their auxiliary equipment, air conditioning machine and other air-conditioning facilities;
   2) Ground subsidence and abnormality in the lid of the section valve box;
   3) Clogging of chilled water strainer;
   4) Air entering the chilled-water piping system;
   5) Operating conditions of, and any abnormality in, control valves and air-conditioning equipment; and
   6) Looseness of fastening bolts etc.

(2) If participants detect any problems in their chilled-water supply facilities, they shall promptly make repairs or take other measures as required, at their own expense.

(3) Upon completion of such repairs or measures, participants shall promptly have their facilities inspected by the Association.

(4) In any of the following cases, participants shall promptly report to the Association, take necessary measures and follow the Association's instructions:
   1) Participants detect water leakage from the Association side's chilled-water receiving facilities or failure of equipment on the Association side.
   2) Participants drain the chilled water, or plan to suspend, or suspended, power supply to the chilled-water receiving facilities
   3) Other events that may affect the chilled-water system are expected or have occurred

5-2. Maintenance of air-conditioning facilities

(1) Participants shall execute proper management of their air-conditioning facilities in compliance with the Law for Maintenance of Sanitation in Buildings, and shall carry out routine observations, checkups or inspections according to the category of Facilities etc., referring to the attached Standards for Execution of Maintenance Work. Participants whose facilities fall under the category of specified buildings under said law shall carry out assessment of indoor air environment.

(2) Participants shall properly control indoor temperatures and humidity by assessing the situation, so as not to discomfort visitors.

5-3. Nighttime use of air-conditioning facilities

Participants may use chilled water for air conditioning around the clock. In principle, chilled water for air conditioning will be supplied from one hour before to one hour after Exhibition operating hours. Participants wishing to use chilled water for air conditioning outside the above hours shall submit an Application for Nighttime Supply of Chilled Water for Air Conditioning [Form 6] at least one week before the start of nighttime supply. If there is a change in the days when the participant wishes to use chilled water, the participant shall submit an application for such change at least one week before the newly applied day of start of nighttime supply.

A separate rate table will be applied to chilled water for air conditioning supplied at night.

6. Maintenance of electrical facilities

6-1. Scope of maintenance

All electrical facilities within the Exhibition site will be collectively regarded as "private electrical facilities," whose safety shall be supervised by the chief electrical engineer of the Association. Even so, exhibitors are requested to execute safety management of the electrical facilities in their exhibition facilities by appointing safety managers, who supervise maintenance and operation of such facilities for the purpose of safety.

6-2. Assignment of electrical maintenance personnel

To ensure safety of electrical facilities, participants shall assign electrical maintenance personnel, who will be in charge of operation and safety management of electrical facilities. Such assignment is aimed at ensuring a safety structure capable of quickly responding to instructions given by the Association in the event of an electric accident or other emergency, taking into consideration the importance of power supply in operation of the Exhibition.

6-3. Operation and maintenance

(1) Operation standard

As operation standards for electrical facilities, participants shall establish the following in advance:

1) Operational sequences and methods of electrical facilities at normal times and in the event of accident or other emergency
2) Instruction communication structures and contact organizations at normal times and in the event of accident or other emergency

(2) Implementation of routine observations and inspections

Safety managers shall prepare and implement plans of routine observations, checkups and inspections to ensure safety of electrical facilities, referring to the attached Standards for Execution of Maintenance Work.

6-4. Steps to be taken in emergency

In the event of a failure in electric facilities, participants shall take the following steps:

(1) If a receiving power circuit breaker is automatically turned off

Participants shall check the operating state of protective relays (overcurrent and ground-fault protective relays) and the receiving power circuit breaker and, if they detect any failure in their areas, shall promptly report to the Association before initiating examination of the failed equipment.

(2) Temporary restoration

1) If the cause of the failure is identified, the participant shall isolate the failed equipment, confirm that there is no other failed equipment by visual and other check, insulation resistance test etc., and turn on the mains circuit breaker, in consultation with the Association, to receive electricity temporarily.

2) If the cause of the failure is not identified, or if much time is required to restore power supply, the participant shall consult with the Association.

(3) After-the-fact actions

1) Participants shall carefully investigate the cause of the failure and take preventive measures. If a recurrence is expected in similar equipment, material etc., the participant must also take preventive measures regarding such equipment, material etc.

2) Participants shall report to the Association in writing concerning the details and cause of the failure, and preventive measures taken as described above.

(4) Guidance of visitors in the event of power outage

It is not easy to guide large number visitors out of the pavilion safely and quickly in the event of power outage, particularly if such outage is due to earthquake, catastrophic fire etc. Therefore, participants shall, in advance, study and establish measures for safe and quick evacuation of visitors in the event of power outage.

6-5. Installation of standby power generator etc.

(1) Installation of standby power generator

In any of the following cases, participants shall install standby power generators to secure power supply in the event of distribution line power outage. However, such installation will not be required if participant installs a storage battery or other power supply unit that can substitute for a standby power generator.

1) When installation of a standby power generator is required by the Building Standard Law, Fire Service Law or other relevant law in connection with installation of standby lighting equipment, electric smoke extraction apparatus or fire hydrant system

2) When a power outage may cause harm to visitors etc. for structural reasons

3) In other instances when a power outage may pose risks to safety and health of visitors
4) When any exhibition material particularly requires measures against power outage

(2) Installation of interruptible power supply unit
Participants are advised to install interruptible power supply (UPS) units, if they plan to use electric computers and other office automation equipment and if a power outage is likely to cause trouble to operation of their facilities.

(3) Wiring method
Participants planning to use standby power generators and auxiliary equipment shall not electrically connect such equipment with the Association's power distribution system.

6-6. Parallel connection of new/renewable energy system
Participants wishing to connect new/renewable energy systems in parallel with the Association's power distribution system shall discuss the details with the Association.

7. Maintenance of information and telecommunication facilities

(1) Participants shall periodically check for any abnormality in their telecommunication facilities, such as telephones, personal computers and communication lines, and emergency communication facilities, such as fire and gas leak alarm signal transfer system and monitor speakers. If they detect any abnormal odor, noise or vibration, they shall immediately make repairs or take other measures as required, and shall report the content of the problem to the Association.

(2) Participants shall be responsible for expenses involved in such repairs or measures.

(3) If participants detect any abnormality in equipment provided by the Association (IP telephone equipment, PC for administrative intranet system, POS register, speaker for emergency broadcast monitor etc.), they shall contact the Help Desk. The telephone numbers (outside and extension), operating hours and other information of the Help Desk will be communicated separately.

8. Maintenance of fire-prevention equipment
Participants shall periodically check for any abnormality in the emergency lighting equipment and guidance lighting system, whether or not the equipment was installed by the Association. If they detect any abnormal odor, noise or vibration, they shall immediately make repairs or take other measures as required, and shall report the content of the problem to the Association.

Standards for Execution of Maintenance Work (For reference)

Attachment

Equipment \ Activity		Routine observation		Inspection		Measurement	
		Procedure	Frequency	Procedure	Frequency	Items to be measured	Frequency
Transformer equipment	Disconnecting switch	Visual check	Daily	Suspend power supply and check for the following items: 1. Poor blade contact, damage, looseness, rough contact surface, overheat, cracking, etc.	Once immediately before opening of EXPO	Insulation resistance measurement	Once immediately before opening of EXPO
		While power supply is continued, check for the following items: Damage, looseness, soiled spots, overheat, etc.	Weekly				
	Circuit breaker	Visual check	Daily	Suspend power supply and check for the following items: 1. Damage, corrosion, looseness, soiled spots, overheat, deformation, rust, etc. on each part 2. Functions and conditions of operating mechanism and auxiliary equipment	Once immediately before opening of EXPO	1. Insulation resistance measurement 2. Grounding resistance measurement 3. Operating characteristics test, if necessary	Once immediately before opening of EXPO
		While power supply is continued, check for the following items: 1. Damage, soiled spots, oil leak, overheat, etc. 2. Conditions of switching instruction and indication lights	Weekly				
	Voltage transformer	Visual check	Daily	Suspend power supply and check for the following items: 1. Damage, corrosion, looseness, soiled spots, overheat, deformation, cracking, etc. on each part 2. Functions of auxiliary equipment 3. Condition of insulating oil	Once immediately before opening of EXPO	1. Insulation resistance measurement 2. Grounding resistance measurement	Once immediately before opening of EXPO
		While power supply is continued, check for the following items: 1. Damage, soiled spots, oil leak, overheat, vibration, abnormal noise, odor, corrosion, rust, etc	Weekly				
	Instrument transformer	Visual check	Daily	Suspend power supply and check for the following items: 1. Damage, corrosion, looseness, soiled spots, overheat, rust, deformation, cracking, oil leak, etc. on each part 2. Condition of fuse	Once immediately before opening of EXPO	1. Insulation resistance measurement 2. Grounding resistance measurement	Once immediately before opening of EXPO
		While power supply is continued, check for the following items: 1. Damage, soiled spots, oil leak, overheat, abnormal noise, odor, corrosion, rust, etc.	Weekly				
	Bus-bar	Visual check	Daily	Suspend power supply and check for the following items: 1. Damage, corrosion, overheat, etc. on bus-bar 2. Damage, looseness, overheat, etc. in bus-bar connections 3. Damage, looseness, etc. of bus-bar support insulators	Once immediately before opening of EXPO	Insulation resistance measurement	Once immediately before opening of EXPO
		While power supply is continued, check for the following items: 1. Damage, soiled spots, overheat, etc.	Weekly				
	Power switchboard	Visual check Read the meter and record the reading	Daily	Suspend power supply and check for the following items: 1. Damage, corrosion, looseness, soiled spots, overheat, breaking of wire, etc. on each part 2. Condition of function of each device	Once immediately before opening of EXPO	1. Insulation resistance measurement 2. Operation test of protective relay and meter calibration, if necessary	Once immediately before opening of EXPO
		While power supply is continued, check for the following items: 1. Dust, soiled spots, overheat, etc. on wiring on the reverse side 2. Conditions of switching devices, automatic circuit breaker, etc. 3. Conditions of instruments and indication lights	Weekly				
	Storage battery	Visual check	Daily	1. Condition of each part of storage battery 2. Condition of function of each part of battery charger 3. Corrosion, damage, or peeling of acid-resistant coating on wood base insulator, etc. 4. Corrosion and damage of floor face	Once immediately before opening of EXPO	Storage battery 1. Specific gravity measurement 2. Liquid crystal measurement 3. Voltage measurement	Monthly
		1. Conditions of liquid level, polar plates, separators, terminals, etc. 2. Functions and conditions of battery charger	Weekly			Battery charger insulation resistance measurement	Once immediately before opening of EXPO
	Grounding wire			Corrosion, breaking and loose connection of grounding wire	Once immediately before opening of EXPO	1. Grounding resistance measurement 2. Ground current measurement, if necessary	Once immediately before opening of EXPO
	Other equipment	Visual check	Daily	Suspend power supply and check functions.		Necessary testing and measurement	

Activity \ Equipment		Routine observation		Inspection		Measurement	
		Procedure	Frequency	Procedure	Frequency	Items to be measured	Frequency
Distribution equipment	Disconnecting switch/circuit breaker Voltage transformer Transformer Power switchboard Bus-bar, grounding wire Other equipment	Same as for transformation equipment	Daily and weekly	Same as for transformation equipment	Once immediately before opening of EXPO	Same as for transformation equipment	Once immediately before opening of EXPO
Electric load equipment	Electric motor Other rotating machine	Operator checks for abnormal sound, rotation, overheat, odor, lubrication etc.	Daily	Suspend operation and check for the following items: 1. Damage, looseness, soiled spots , etc. on each part 2. Conditions of transmitting and auxiliary equipment 3. Condition of each part of control board	Once immediately before opening of EXPO	1. Insulation resistance measurement 2. Grounding resistance measurement	Once immediately before opening of EXPO
		Electrical engineer checks for abnormal sound, rotation, vibration, overheat, lubrication, etc.	Monthly				
	Electric heating equipment	Operator checks for abnormal temperature, deformation or damage.	Daily	Suspend operation and check for the following items: Damage, looseness, soiled spots, deformation, etc. on each part	Once immediately before opening of EXPO	1. Insulation resistance measurement 2. Grounding resistance measurement	Once immediately before opening of EXPO
		Electrical engineer checks for abnormal temperature, deformation or damage.	Monthly				
	Lighting/outlet equipment	Abnormal sound, soiled spots, damage, etc.	Monthly	Effect of lighting, soiled spots, damage, sound, compound leak, etc.	Once immediately before opening of EXPO	Insulation resistance measurement	Once immediately before opening of EXPO
	Outdoor lighting equipment	Deformation or damage to lighting fixtures Subsiding, leaning or danger of collapsing of pole	Monthly	Effect of lighting, soiled spots, damage, sound, humidity, water proofing property of ballast storage section, etc.	Once immediately before opening of EXPO	Insulation resistance measurement	Once immediately before opening of EXPO
	Wiring	Distribution board, wiring equipment	Monthly	Conditions of switches, automatic breaker, and their connections with wires for switches	Once immediately before opening of EXPO	Insulation resistance measurement	Once immediately before opening of EXPO
	Guidance light	Same as for lighting equipment	Monthly				
Standby power generator for emergency	Prime motor and related equipment			1. Damage, abrasion, soiled spots, etc. on main parts of the machine 2. Functions of transmitting and auxiliary equipment 3. Soiled spots, damage, etc. to fuel oil, lubricating oil, cooling and other systems	Once immediately before opening of EXPO	Trial operation, tests and measurements if necessary	Once immediately before opening of EXPO
	Generator and related equipment			Same as for electric motor and other rotating equipment	Once immediately before opening of EXPO	Trial operation, tests and measurements if necessary	Once immediately before opening of EXPO
	Start-up storage battery	Same as for storage battery for transformer equipment	Weekly				
Uninterruptible power supply unit	Equipment in general	Electrical engineer checks for abnormal sound, vibration, odor, overheat, indication light, etc.	Daily	Suspend operation and check for the following items: 1. Loose contact at threaded portions of device, terminal block, fuse, etc. 2. Removal of dust and dirt 3. Discoloration and corrosion of circuit parts	Once immediately before opening of EXPO	Tests and measurements if necessary	Once immediately before opening of EXPO

Standards for Execution of Maintenance Work (For reference)

Attachment

Equipment \ Activity		Routine observation		Inspection		Measurement	
		Procedure	Frequency	Procedure	Frequency	Items to be measured	Frequency
Air conditioning equipment	Air conditioning machine and fan	Visual check	Weekly	Check fan bearing and motor temperatures. 1. Check for abnormal temperature by feeling with the hand. 2. Bearing temperatures should not become more than 30°C higher than ambient air temperature, and motor (Type E) casing temperature should be below 100°C.	Monthly	Air environment assessment (Law for Maintenance of Sanitation in Buildings)	Monthly
		Check if fan electric current values are normal. * Confirm that values are within stipulated values and there is no abnormal fluctuation.	Weekly	Check fan V-belt tension. 1. Push the belt between straining pulleys with a finger to confirm that the belt yields approx. 5 - 10 mm under the pressure. 2. Check for overheat or damage due to V-belt slipping.	Monthly		
		Check the condition of each part and check for abnormal vibration, etc.	Weekly	Check for dust on fan casing and blades, and cleaning 1. Check for accumulation of dust. 2. Conduct periodical inspection on kitchen ventilation fan, etc.	Monthly		
		· Check return air, supply air and hot and cool water inlets and outlets, and check for abnormal temperature differences between hot and cool water inlets and outlets. · Check draining condition.	Weekly	Check on the status of clogging on coil surface and cleaning 1. Check that deposit on coil surface has not increased air passage resistance. 2. If soiled spots due to dust etc. are noticeable, clean the coil surface.	Monthly		
	Air filter	Visual check	Weekly	Check the manometer. 1. Check for clogging in manometer connecting pipe.	Monthly		
		* Confirm that differential pressure is within standard value.	Weekly	Check on the contamination status of filter element 1. Check for insufficient air passage due to filter element soiled spots or damage.	Monthly		
				Check inside the chamber etc. 1. Check for breakage or damage. 2. Check the status of dust deposition, and clean the filter if necessary.	Monthly		
				Cleaning and replacement of filter element 1. Unit type 2. Decide the frequencies of replacement and cleaning taking into account installation location, degree of soiled spots, etc.	Monthly		
	Fan coil unit	Visual check	Weekly	Check on the status of filter clogging, and cleaning and replacement 1. Decide the frequencies of replacement and cleaning taking into account installation location, degree of soiled spots, etc.	Monthly		
		Check for water leak from drain pan, etc. 1. Clogging in drain pan strainer 2. Water leak due to inadequate tilting of drain pan 3. Water leak due to defective pipe connection	Weekly	Check on the damage to and soiled spots on fan blades and coil 1. Check for damage. 2. Check for notable accumulation of dust etc.	Monthly		
		Check for abnormal noise from fan operation 1. Foreign matter entering the fan 2. Noise from defective bearing 3. Noise and vibration due to defective installation of the unit	Weekly	Air purge valve operating check and air purging 1. Check that air purge valve works smoothly. 2. Check that air does not come into pipes. 3. Confirm that temperatures of drain water from air purge outlet are within stipulated values.	Monthly		
		Check the treated air outlet for: 1. Damaged or missing louver board 2. Soiled spots 3. Loose mounting	Weekly				

Standards for Execution of Maintenance Work (For reference)

Attachment

Equipment \ Activity		Routine observation		Inspection		Measurement	
		Procedure	Frequency	Procedure	Frequency	Items to be measured	Frequency
Sanitation facilities, etc.		Visual check	Weekly				
	Counters, lavatory sinks	Conditions of fixtures, drainage condition (check by running water) Water leak, faucet, liquid soap container 1. Check for damage, soiled spots and loose installation. 2. Check for plugging, etc. 3. Check the conditions of faucet mounting section, auxiliary metal fittings and packing glands for leakage. 4. Confirm that feed water and hot water volumes are appropriate. 5. Check for clogging.	Weekly				
	Toilet bowls, urinals	Flush valve, volume of water for flushing Conditions of fixtures, drainage condition, water leak 1. Check the operation of flush valve for any abnormality (clogging with sand, in particular). 2. Confirm the volume of flush water and flushing time (approx. 10 seconds) are enough to sweep away waste products, and check for any abnormality. 3. Check for damage, soiled spots, and loose installation. 4. Check for clogging etc. 5. Check the connections between fixtures and drain pipes for water leak.	Weekly				
	Water boilers, water heaters (electric, gas)	Check the appearance for leakage, other abnormality and safety problem.	Weekly				
	Gas stoves	Combustion, exhaust ventilation condition, deterioration of rubber hose, gas leak 1. Confirm that the color of flame, smell and air supply and exhaust openings are appropriate (no obstacles). 2. Check for cracks in rubber hose. 3. Check smell and gas pressure, check for cracks and other abnormality.	Weekly				
	Gas leak detectors	Check the power supply. Check for breakage or fault in installation.	Weekly				
	Water supply pipes			Water leak, heat retention material 1. Check for leakage from connection and valve gland packing sections. 2. Check the conditions of heat retention and condensation, and check for abnormality.	Weekly	Measurement of residual chlorine content in drinking water	Weekly
	Drain pipes			Drainage condition, water leak 1. Check for clogging with foreign matter etc. 2. Check for water leak from and rust on connections.	Weekly		

様 式… W—1 Form… W-1	※ 受付年月日 * Received _____年_____月_____日 (Y) (M) (D)	※整理番号 第 号 * Reference No.	※ グループ *Group name

水 道 使 用 申 込 書
Application for Use of Water Service

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 殿
To: Dr. TOYODA Shoichiro
Chairman, Japan Association for
the 2005 World Exposition

Date: _____年_____月_____日
(Y) (M) (D)

政府代表名
Name of Commissioner General of Section _____

代理人名
Name of signatory in print and signature _____ 印

2005 年日本国際博覧会会場において水道を使用したいので、「一般サービスに関する第 10 号特別規則」および「GL10-6 用役使用申し込み取り扱いおよび施設等維持に関するガイドライン」を了承のうえ、次のとおり申込みます。
With understanding of the provisions of Special Regulation No. 10 concerning general services and GL10-6 "Guidelines for Procedures Related to Use of Utilities and Maintenance of Facilities etc.," we hereby apply for use of the water service as described below at the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

※ ゾーン名 * Zone		1 日使用量 Daily consumption	m^3/日 m^3/day
施設名展示館名等 Name of facility, pavilion etc.		時間最大使用量 Hourly maximum consumption	m^3/h
使用開始予定日 Expected date of start of use	_____年_____月_____日 (Y) (M) (D)	口 径 Bore	A

使 用 設 備 の 概 要 Description of facilities

受 水 槽 Receiving tank	有 無 Will be installed / Will not be installed	水洗便所 Flush toilets	大便器 No. of toilet bowls		個
水 栓 数 No. of faucets	個		小便器 No. of urinals		個
使 用 者 数 No. of users	人		兼用便器 No. of dual-purpose toilet bowls		個
水道打合責任者 Contact person for water-service works	会社名 Company name 住所 Address		氏名 Name 電話 Telephone	( ) —	

注：1. ※印の欄には記入しないで下さい。
2. 上記申請書には、位置図､設備設計図、および計算書を各 4 部添付して下さい。
Note: 1. Do not fill in items marked with "*".
2. This application form should be accompanied by 4 copies each of location map, facility design drawing and calculation sheet.

水道供給承諾書
Letter of Acceptance for Water Service

殿
TO:

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 ㊞
TOYODA Shoichiro
Chairman, Japan Association for
the 2005 World Exposition

上記 年 月 日付で申込のあった水道使用の申込について承諾します。
この承諾書によって、使用契約が締結したものといたします。

We hereby accept the above Application for Use of Water Service date _____, 200 .
With issuance of this Letter of Acceptance, a service contract shall be deemed concluded.

※ 承認番号 * Approval number	第 号 No.	※ *	_____年_____月_____日 (Y) (M) (D)

様 式… G—1 Form… G-1	※ 受付年月日 * Received ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 * Reference No.	※ グループ *Group name

ガス使用申込書
Application for Use of Gas

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 殿
To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

Date: ＿＿＿年＿＿＿月＿＿＿日
(Y) (M) (D)

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿ 印

2005 年日本国際博覧会会場においてガスを使用したいので、「一般サービスに関する第 10 号特別規則」および「GL10-6 用役使用申し込み取り扱いおよび施設等維持に関するガイドライン」を了承のうえ、次のとおり申込みます。
With understanding of the provisions of Special Regulation No. 10 concerning general services and GL10-6 "Guidelines for Procedures Related to Use of Utilities and Maintenance of Facilities etc.," we hereby apply for the use of gas as described below at the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

※ ゾーン名 * Zone		1 日使用量 Daily consumption	低圧 m^3/日 Low pressure m^3/day
施設名展示館名等 Name of facility, pavilion etc.		時間最大使用量 Hourly maximum consumption	m^3/h
使用開始予定日 Expected date of start of use	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	口 径 Bore	A

ガス消費機器の概要 Description of gas-fired equipment

機 種 名 Model	ガス消費機器 kW/h Gas-fired equipment	台数 No. of units	小 計 kW/h Subtotal
合 計 Total			

ガス工事打合責任者 Contact person for gas-supply works	会社名 Company name 住所 Address		氏名 Name 電話 Telephone	( ) —

注：1. ※印の欄には記入しないで下さい。
2. 上記申請書には、位置図、設備設計図、および計算書を各 4 部添付して下さい。
Note: 1. Do not fill in items marked with "*".
2. This application form should be accompanied by 4 copies each of location map, facility design drawing and calculation sheet.

ガス供給承諾書
Letter of Acceptance for Gas Supply

殿
TO:

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 ㊞
TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

上記＿＿＿年＿＿＿月＿＿＿日付で申込のあったガス使用の申込について承諾します。
この承諾書によって、使用契約が締結したものといたします。

We hereby accept the above Application for Use of Gas dated ＿＿＿＿＿,200＿.
With issuance of this Letter of Acceptance, a service contract shall be deemed concluded.

※ 承認番号 * Approval number	第 号 No.	※ *	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

様 式… E—1 Form… E-1	※ 受付年月日 * Received _____年_____月_____日 (Y) (M) (D)	※整理番号 第 号 * Reference No.	※ グループ *Group name

電気使用申込書
Application for Use of Electricity

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 殿

Date: _____年_____月_____日
(Y) (M) (D)

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

政府代表名
Name of Commissioner General of Section _____

代理人名
Name of signatory in print and signature _____ 印

2005 年日本国際博覧会会場において電気を使用したいので、「一般サービスに関する第 10 号特別規則」
および「GL10-6 用役使用申し込み取り扱いおよび施設等維持に関するガイドライン」を了承のうえ、次のとおり申込みます。
With understanding of the provisions of Special Regulation No. 10 concerning general services and GL10-6 "Guidelines for Procedures Related to Use of Utilities and Maintenance of Facilities etc.," we hereby apply for the use of electricity as described below
At the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

※ ゾーン名 * Zone		受電電圧 Receiving voltage	3φ 200V 1φ 200V/100V
施設名展示館名等 Name of facility, pavilion etc.		予想最大電力 Estimated maximum demand	3φ200V kW 1φ200V kW kW
使用開始予定日 Expected date of start of use	_____年_____月_____日 (Y) (M) (D)	受電設備 Power receiving facility	な し N/A

電気設備の概要 Description of electric facilities

	設備区分 Facility category		容 量 Capacity	設備区分 Facility category	容 量 Capacity
	高圧機器 High-voltage equipment		な し N/A	発電設備 Power generation facility	V kVA
低圧機器 Low-voltage equipment	電灯および小型機器 Lighting and small appliance			コンデンサー設置容量 Condenser installed capacity	な し N/A
	電動機 Electric motor			特殊設計の有無 Special design	有 無 Planned / Not planned
	電 熱 Electric heating				
	その他 Other				
	合 計 Total		kVA		

電気打合責任者 Contact person for electric works	会社 Company name 住所 Address		氏名 Name 電話 Telephone	( ) —

注：1. ※印の欄には記入しないで下さい。2. 電気使用設備は、入力値で記入願います
3. 上記申請書には、位置図、設備設計図、および計算書を各 4 部添付して下さい。
4. 高調波発生設備がある場合は、高調波流出電流計算書の提出が必要です。
Notes: 1. Do not fill in items marked with "*". 2. For electric facilities, enter input values.
3. This application form should be accompanied by 4 copies each of location map, facility design drawing and calculation sheet.
4. For installation of equipment that generates harmonics, a Calculation Sheet for Harmonic Current Flow from Harmonic Source must also be attached.

電気供給承諾書
Letter of Acceptance for Electricity Supply

殿
TO:

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 ㊞
TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

上記 年 月 日付で申込のあった電気使用の申込について承諾します。
この承諾書によって、使用契約が締結したものといたします。
We hereby accept the above Application for Use of Electricity dated _____, 200 .
With issuance of this Letter of Acceptance, a service contract shall be deemed concluded.

※ 承認番号 * Approval number	第 号 No.	※ *	_____年_____月_____日 (Y) (M) (D)

様 式… C—1 Form… C-1	※ 受付年月日 * Received ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 * Reference No.	※ グループ *Group name

空気調和用冷水使用申込書
Application for Use of Chilled Water for Air Conditioning

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 殿
To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

Date: ＿＿＿年＿＿＿月＿＿＿日
(Y) (M) (D)

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿ 印

2005 年日本国際博覧会会場において空気調和用冷水を使用したいので、「一般サービスに関する第 10 号特別規則」および「GL10-6 用役使用申し込み取り扱いおよび施設等維持に関するガイドライン」を了承のうえ、次のとおり申込みます。
With understanding of the provisions of Special Regulation No. 10 concerning general services and GL10-6 "Guidelines for Procedures Related to Use of Utilities and Maintenance of Facilities etc.," we hereby apply for the use of chilled water for air conditioning as described below at the site of the 2005 World Exposition, Aichi, Japan.

記

※ ゾーン名 * Zone		最大冷水負荷 Maximum load for chilled water	kW
施設名展示館名等 Name of facility, pavilion etc.		最大冷水量 Maximum chilled water volume	m^3/h
使用開始予定日 Expected date of start of use	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	口 径 Bore	A

使 用 設 備 の 概 要 Description of facilities

使 用 機 器 Equipment to be used	台数 No. of units	合 計 容 量 Total capacity	注 記 Remarks
空気調和機 Air conditioner		kW	
ファンコイルユニット Fan coil unit		kW	
その他 Other		kW	
個別冷房 Individual cooling		kW	冷水供給を受けない個別設置の場合 Individual installation, which will not require chilled water supply

空気調和用冷水打合せ責任者 Contact person for works for supply of chilled water for air conditioning	会社名 Company name 住所 Address		氏名 Name 電話 Telephone	( ) —

注：1. ※印の欄には記入しないで下さい。
2. 上記申請書には、位置図、設備設計図、および計算書を各 4 部添付して下さい。
Note: 1. Do not fill in items marked with "*".
2. This application form should be accompanied by 4 copies each of location map, facility design drawing and calculation sheet.

空気調和用冷水供給承諾書
Letter of Acceptance for Supply of Chilled Water for Air Conditioning

殿
TO:

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 ㊞
TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

上記＿＿年＿＿月＿＿日付で申込のあった空気調和用冷水使用の申込について承諾します。
この承諾書によって、使用契約が締結したものといたします。

We hereby accept the above Application for Use of Chilled Water for Air Conditioning dated ＿＿＿, 200 .
With issuance of this Letter of Acceptance, a service contract shall be deemed concluded.

※ 承認番号 * Approval number	第 号 No.	※ *	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

様 式… W—2 Form… W-2	※ 受付年月日 * Received: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 *Reference No.	※グループ名*Group name

水 道 供 給 開 始 申 込 書
Application for Start of Water Supply

・**工事用** For construction works
・**開催用** For the Exhibition

○印 Circle appropriate choice.

財団法人 2005 年 日本国際博覧会協会

Date: ＿＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿ 印

2005 年日本国際博覧会会場において、下記のとおり水道の使用を開始したいので申込みます。
We hereby apply for start of water supply as described below for use at the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

※ ゾーン名 * Zone		施設名展示館名等 Name of facility, pavilion etc.		※ﾒｰﾀｰ番号 *Meter No.	
供給希望年月 日 Desirable date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon	時頃	※供給開始年月日 *Date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)
環境衛生管理責任者 Environmental sanitation manager	会社名 Company name 住 所 Address			氏名 Name 電話 Telephone	TEL ( ) —
供給開始立会者 Witness to start of supply	氏 名 Name			連絡先 Contact organization 電話 Telephone	TEL ( ) —
※ 供給時のメ-タ-検針値 * Meter reading at start of supply	m3	※立会者印 *Signature/ seal of witness		※使用者 *User	※協 会 *Association
料金請求書の送付先 Billing address	あて先 Addressee				
	住 所 Address			電話 Telephone	TEL ( ) —

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、使用開始１ヶ月前までに提出して下さい。
3. 供給開始の際は、使用者またはその代理人が立会って下さい。
4. 水道供給開始申込書には、保安計画、設備明細書、位置図、設備竣工図等、各４部添付して下さい。
5. 仮設時に同一ﾒｰﾀｰで初期検針を行なっている場合は、検針立会いを省略します。
6. 会期中の料金については、各パビリオン毎、館長宛に請求します。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least one month before start of use.
3. Utility user or his/her proxy must be present at time of start of supply.
4. Application for Start of Water Supply should be accompanied by 4 copies each of safety plan, specifications of facilities, layout drawing, facility completion drawings etc.
5. Witnessing of meter reading may be omitted, if the same meter has been read at the time of temporary facility completion.
6. During the Expo period, utility bills for each pavilion will be sent to the pavilion director.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

)

様 式… G—2 Form… G-2	※ 受付年月日 * Received: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 *Reference No.	※グループ名* Group name

ガス供給開始申込書
Application for Start of Gas Supply

財団法人 2005 年 日本国際博覧会協会

Date: ＿＿＿年＿＿＿月＿＿＿日
(Y) (M) (D)

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿

印

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿

2005 年日本国際博覧会会場において、下記のとおりガスの使用を開始したいので申込みます。

We hereby apply for the start of gas supply as described below for use at the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

※ ゾーン名 * Zone		施設名展示館名等 Name of facility, pavilion etc.		※ﾒｰﾀｰ番号 * Meter No.	
供給希望年月 日 Desirable date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon 時頃	※供給開始年月日 *Date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	
防火管理者 Fire protection supervisor	会社名 Company name 住 所 Address		氏名 Name 電話 Telephone	TEL ( ) —	
供給開始立会者 Witness to start of supply	氏 名 Name		連絡先 Contact organization 電話 Telephone	TEL ( ) —	
※ 供給時のメ-タ-検針値 * Meter reading at start of supply	m3	※立会者印 *Signature/ seal of witness	※使用者 *User	※協 会 *Association	
料金請求書の送付先 Billing address	あて先 Addressee				
	住 所 Address		電話 Telephone	TEL ( ) —	

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、使用開始１ヶ月前までに提出して下さい。
3. 供給開始の際は、使用者またはその代理人が立会って下さい。
4. ガス供給開始申込書には、保安計画、設備明細書、位置図、設備竣工図等、各４部添付して下さい。
5. 会期中の料金については、各パビリオン毎、館長宛に請求します。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least one month before start of use.
3. Utility user or his/her proxy must be present at time of start of supply.
4. Application for Start of Electricity Supply should be accompanied by 4 copies each of safety procedures, specifications of facilities, layout drawing, facility completion drawings etc.
5. During the Expo period, utility bills for each pavilion will be sent to the pavilion director.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

様 式… E—2 Form… E-2	※ 受付年月日 * Received: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 *Reference No.	※ グループ名* Group name

電 気 供 給 開 始 申 込 書
Application for Start of Electricity Supply

・工事用 For construction works
・開催用 For the Exhibition

○印 Circle appropriate choice.

財団法人 2005 年 日本国際博覧会協会

Date: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿

代理人名 印
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿

2005 年日本国際博覧会会場において、下記のとおり電気の使用を開始したいので申込みます。

We hereby apply for the start of electricity supply as described below for use at the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

※ ゾーン名 * Zone		施設名展示館名等 Name of facility, pavilion etc.		※ﾒｰﾀｰ番号(1φ) *Meter No. (1φ)	
				※ﾒｰﾀｰ番号(3φ) *Meter No. (3φ)	
供給希望年月 日 Desirable date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon 時頃	※供給開始年月日 *Date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	
保安責任者 Safety manager	会社名 Company name 住 所 Address		氏名 Name 電話 Telephone	TEL ( ) —	
供給開始立会者 Witness to start of supply	氏 名 Name		連絡先 Contact organization 電話 Telephone	TEL ( ) —	
※ 供給時のﾒｰﾀｰ検針値 * Meter reading at start of supply	(1φ) kWh (3φ) kWh	※立会者印 *Signature/ seal of witness	※使用者 *User	※協 会 *Association	
料金請求書の送付先 Billing address	あて先 Addressee				
	住 所 Address		電話 Telephone	TEL ( ) —	

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、使用開始１ヶ月前までに提出して下さい。
3. 供給開始の際は、使用者またはその代理人が立会って下さい。
4. 電気供給開始申込書には、保安要領、設備明細書、予想最大電力算定根拠、位置図、設備竣工図等、各４部添付して下さい。（高調波発生設備がある場合は、高調波流出電流計算書を添付してください）
5. 仮設時に同一ﾒｰﾀｰで初期検針を行なっている場合は、検針立会いを省略します。
6. 会期中の料金については、各パビリオン毎、館長宛に請求します。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least one month before start of use.
3. Utility user or his/her proxy must be present at time of start of supply.
4. Application for Start of Electricity Supply should be accompanied by 4 copies each of safety plan, specifications of facilities, statement of basis for maximum electricity demand estimation, layout drawing, facility completion drawings etc.
(For installation of equipment that generates harmonics, a harmonic current calculation sheet must also be attached.)
5. Witnessing of meter reading may be omitted, if the same meters have been read at the time of temporary facility completion.
6. During the Expo period, utility bills for each pavilion will be sent to the pavilion director.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

様 式… C－２ Form… C-2	※ 受付年月日 * Received: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 *Reference No.	※グループ名 *Group name

空 気 調 和 用 冷 水 供 給 開 始 申 込 書
Application for Start of Supply of Chilled Water for Air Conditioning

財団法人 2005 年 日本国際博覧会協会

Date: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

印

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

2005 年日本国際博覧会会場において、下記のとおり空気調和用冷水の使用を開始したいので申込みます。

We hereby apply for the start of supply of chilled water for air conditioning as described below for use at the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

※ ゾーン名 * Zone		施設名展示館名等 Name of facility, pavilion etc.			
供給希望年月 日 Desirable date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon	時頃	※供給開始年月日 *Date of start of supply	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)
環境衛生管理責任者 Environmental sanitation manager	会社名 Company name 住 所 Address			氏名 Name 電話 Telephone	TEL ( ) —
供給開始立会者 Witness to start of supply	氏 名 Name			連絡先 Contact organization 電話 Telephone	TEL ( ) —
※立会者印 *Signature/ seal of witness	※使用者 *User			※協 会 *Association	
料金請求書の送付先 Billing address	あて先 Addressee				
	住 所 Address			電話 Telephone	TEL ( ) —

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、使用開始１ヶ月前までに提出して下さい。
3. 供給開始の際は、使用者またはその代理人が立会って下さい。
4. 供給開始申込書には、保安計画、設備明細書、位置図、設備竣工図等、各４部添付して下さい。
５．会期中の料金については、各パビリオン毎、館長宛に請求します。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least one month before start of use.
3. Utility user or his/her proxy must be present at time of start of supply.
4. The application for start of supply should be accompanied by 4 copies each of safety plan, specifications of facilities, layout drawing, facility completion drawings etc.
5. During the Expo period, utility bills for each pavilion will be sent to the pavilion director.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

様 式… W—3 Form… W-3	※ 受付年月日 * Received: ____年____月____日 (Y) (M) (D)	※整理番号 第 号 *Reference No.	※ グループ名 Group name

水 道 使 用 廃 止 届
Application for Termination of Water Service Use

財団法人 2005 年 日本国際博覧会協会

Date: ____年____月____日
(Y) (M) (D)

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for
the 2005 World Exposition

政府代表名
Name of Commissioner General of Section _____

印

代理人名
Name of signatory in print and signature _____

2005 年日本国際博覧会会場において、下記のとおり水道の使用を取り止めますので申込みます。

We hereby apply for the termination of water service use at the site of the 2005 World Exposition, Aichi, Japan, as described below.

記

廃 止 申 込 概 要 Details of application for termination

※ ゾーン名 * Zone		施設名展示館名等 Name of facility, pavilion etc.		※ﾒｰﾀｰ番号 *Meter No.	
廃止希望年月日 Desirable date of termination	____年____月____日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon 時頃		※廃止年月 *Date of termination	____年____月____日 (Y) (M) (D)
廃止立会者 Witness to termination	氏 名 Name			連絡先 Contact organization 電話 Telephone	TEL ( ) —
※ 廃止時のメータ-検針値 * Meter reading at time of termination	m3	※立会者印 * Signature/ seal of witness		※使用者 * User	※協 会 * Association

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、廃止 5 日前までに提出して下さい。
3. 廃止の際は、使用者またはその代理人が立会って下さい。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least 5 days before termination.
3. Utility user or his/her proxy must be present at time of termination.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	____年____月____日 (Y) (M) (D)

様 式… G—3 Form… G-3	※ 受付年月日 * Received: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 *Reference No.	※ グループ名 Group name

ガ ス 使 用 廃 止 届
Application for Termination of Gas Use

財団法人 2005 年 日本国際博覧会協会

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for
the 2005 World Exposition

Date: ＿＿＿＿年＿＿＿月＿＿＿日
(Y) (M) (D)

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿＿＿＿＿ 印

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿＿＿＿＿

2005 年日本国際博覧会会場において、下記のとおりガスの使用を取り止めますので申込みます。

We hereby apply for the termination of gas use at the site of the 2005 World Exposition, Aichi, Japan, as described below.

記

廃 止 申 込 概 要 Details of application for termination

※ ゾーン名 *Zone		施設名展示館名等 Name of facility, pavilion etc.		※ﾒｰﾀｰ番号 *Meter No.	
廃止希望年月日 Desirable date of termination	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon 時頃		※廃止年月 *Date of termination	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)
廃止立会者 Witness to termination	氏 名 Name			連絡先 Contact organization 電話 Telephone	TEL ( ) —
※ 廃止時のメ-タ- 検針値 * Meter reading at time of termination	m3	※立会者印 *Signature/ seal of witness		※使用者 *User	※協 会 *Association

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、廃止 5 日前までに提出して下さい。
3. 廃止の際は、使用者またはその代理人が立会って下さい。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least 5 days before termination.
3. Utility user or his/her proxy must be present at time of termination.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

様 式… E—3 Form… E-3	※ 受付年月日 * Received: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 * Reference No.	※ グループ名 Group name

電 気 使 用 廃 止 届
Application for Termination of Electricity Use

財団法人 2005 年 日本国際博覧会協会

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

Date: ＿＿＿＿年＿＿＿＿月＿＿＿＿日
(Y) (M) (D)

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿ 印

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿

2005 年日本国際博覧会会場において、下記のとおり電気の使用を取り止めますので申込みます。

We hereby apply for the termination of electricity use at the site of the 2005 World Exposition, Aichi, Japan, as described below.

記

廃 止 申 込 概 要 Details of application for termination

※ ゾーン名 * Zone		施設名展示館名等 Name of facility, pavilion etc.		※メータ番号(1φ) *Meter No. (1φ)	
				※メータ番号(3φ) *Meter No. (3φ)	
廃止希望年月日 Desirable date of termination	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon 時頃		※廃止年月 ※Date of termination	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)
廃止立会者 Witness to termination	氏 名 Name			連絡先 Contact organization 電話 Telephone	TEL ( ) —
※ 廃止時のメータ-検針値 * Meter reading at time of termination	(1φ) kWh		※立会者印 *Signature/ seal of witness	※使用者 *User	※協 会 *Association
	(3φ) kWh				

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、廃止 5 日前までに提出して下さい。
3. 廃止の際は、使用者またはその代理人が立会って下さい。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least 5 days before termination.
3. Utility user or his/her proxy must be present at time of termination.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

様 式… C—3 Form… C-3	※ 受付年月日 ※ Received: ＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	※整理番号 第 号 * Reference No.	※ グループ名 Group name

空 気 調 和 用 冷 水 使 用 廃 止 届
Application for Termination of Use of Chilled Water for Air Conditioning

財団法人 2005 年 日本国際博覧会協会

会長 豊田 章一郎 殿

To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

Date: ＿＿＿年＿＿＿月＿＿＿日
(Y) (M) (D)

政府代表名
Name of Commissioner General of Section ＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿ 印

代理人名
Name of signatory in print and signature ＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

2005 年日本国際博覧会会場において、下記のとおり空気調和用冷水の使用を取り止めますので申込みます。
We hereby apply for the termination of use of chilled water for air conditioning at the site of the 2005 World Exposition, Aichi, Japan, as described below.

記

廃 止 申 込 概 要 Details of application for termination

※ ゾーン名 * Zone		施設名展示館名等 Name of facility, pavilion etc.		※ﾒｰﾀｰ番号 * Meter No.	
廃止希望年月日 Desirable date of termination	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)	Around (time) 午前 morning 午後 afternoon	時頃	※廃止年月 * Date of termination	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)
廃止立会者 Witness to termination	氏 名 Name			連絡先 Contact organization 電話 Telephone	TEL ( ) —
		※立会者印 * Signature/ seal of witness		※使用者 * User	※協 会 * Association

注：1. ※印の欄には記入しないで下さい。
2. この申込書は、廃止 5 日前までに提出して下さい。
3. 廃止の際は、使用者またはその代理人が立会って下さい。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least 5 days before termination.
3. Utility user or his/her proxy must be present at time of termination.

※ 承認番号 * Approval number	第 号 No.	※ 承認年月日 * Approved	＿＿＿年＿＿＿月＿＿＿日 (Y) (M) (D)

<本設・仮設>
<Temporary facilities, Facilities for EXPO>

枚の内 1 枚目
1 of ( ) sheets

様 式…4 Form 4	※ 受付年月日 年 月 日 * Received: (Y) (M) (D)	※整理番号 第 号 * Reference No.	* グループ名 Group name

使用前検査記録（ 上水 ・ 下水 ・ ガス ・ 電気 ・ 冷水 ）
Record of Pre-service Inspection
(Water supply, sewage, gas, electricity, chilled water)

工 事 名 **Type of work**		**請負者氏名** **Name of contractor**	
検 査 名 **Inspection category** □消防署長の検査 ☐ Inspection by Fire Chief □完 成 検 査 ☐ Completion inspection □その他（ ☐ Other ( )	□係 員 の 竣 工 検 査 ☐ Completion test by person in charge □建 築 主 事 の 検 査 ☐ Inspection by District Surveyor □協 会 の 立 合 い 検 査 ☐ On-the-spot inspection by Association ）	検査日 年 月 日 Date of inspection: (Y) (M) (D) 監理係員 Supervised by:	検査員 Inspected by:

工事概要 Outline of work			
※ゾーン名 * Zone			
施 設 名 Name of facility			
割 り 当 て 面 積 Area of allocated space		着 手 Commencement of work	年 月 日 (Y) (M) (D)
メ ザ ニ ン 面 積 Mezzanine floor space		完 成 Completion of work	年 月 日 (Y) (M) (D)
述 べ 床 面 積 Total floor space		工 期 Time for completion	ヵ月 Months

出 席 者
Attendance

区 分 Category	所 属 Organization	職・氏 名 Name/Title

備考 Remarks
注：1. ※印の欄には記入しないで下さい。
2. 各種自主検査記録書を添付すること。
Notes: 1. Do not fill in items marked with "*."
2. Records of voluntary inspections must be attached.

※ 承認番号 * Approval number	第 号 No.	* 承認年月日 * Date of approval	年 月 日 (Y) (M) (D)

＜本設・仮設＞ 枚の内　枚目
<Temporary facilities, Facilities for EXPO> (　) of (　) sheets

様 式…4 Form 4	※　受付年月日　　年　月　日 * Received:　(Y)　(M)　(D)	※整理番号　第　号 * Reference No.	* グループ名 Group name

検 査 記 録
Record of inspection

番号 No.	位置・室名 Location/room	処置を要する事項と処置方法 Problems and actions to be taken	予定日 Expected date of execution	完成日 Date of completion	確認印 Seal of confirma-tion

備考　Remarks
注:1.※印の欄には記入しないで下さい。
Note: 1. Do not fill in items marked with "*."

※ 承認番号 * Approval number	第　号 No.	* 承認年月日 * Date of approval	年　月　日 (Y)　(M)　(D)

高調波発生機器からの高調波流出電流計算書　Calculation Sheet for Harmonic Current Flow from Harmonic Source

様式 5 Form 5		業 種 Type of industry		受電電圧 Incoming voltage	kV	契約(設備)電力 Contract demand (for facility)	[1]	kW

申込年月日 Date of application:	
受付No. Acceptance No.	
受付年月日 Date of acceptance:	

ステップ1　高調波発生機器明細　Step 1 Detailed description of harmonic source

ステップ2　高 調波電流発生量算定　Step 2 Emitted harmonic current calculation

No.	高調波発生機器 Harmonic source 機器名称 Equipment name	製造業者 Manufacturer	型式 Type	[2] 定格容量 Rated capacity (kVA)	[3] 台 数 増設・更新 機器再掲 No. of units (incl. expanded and replaced equipment)	[4] ([2] × [3]) 合計容量 Total capacity (kVA)	[5] 回路分類 細分No. Circuit classification Secondary classification No.	[6] 6パルス 換算係数 6-pulse conversion factor Ki	[7] ([4] × [6]) 6パルス 等価容量 6-pulse-equivalent capacity (kVA)	[8] ([4] × h) 受電電圧換算の 定格電流 Rated current at incoming voltage (mA)	[9] 機器最大 稼働率 Max. availability of equipment (%)	[10] ([8] × [9] × a) 次数別高調波流出電流 Harmonic current emission by order (mA) 5次 5th order	7次 7th order	11次 11th order	13次 13th order	17次 17th order	19次 19th order	23次 23th order	25次 25th order
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
					6パルス等価容量合計 **Total 6-pulse-equivalent capacity**					合 計 Total									
										対策要否判定 Reduction measure required or not									

ステップ1の記入結果、6パルス等価容量合計が次に該当する場合はステップ2を記入してください。
Fill out step 1 at first. If the total of 6-pulse-equivalent capacity satisfies the table below, proceed with step 2.

受電電圧 Incoming voltage	6.6 kV	22 - 33 kV	66 kV and over
6パルス等価容量合計 Total 6-pulse-equivalent capacity	50kVA超過 Over 50 kVA	300kVA超過 Over 300 kVA	2,000kVA超過 Over 2,000 kVA

※ aは高調波電流発生率、bは契約電力1kW当たりの高調波流出上限値を、 kはの機器1kVA当たりの
定格電流を表す。
contract demand,
k: rated current per 1 kVA of equipment capacity

[11]　高調波流出電流上限値　Upper limit of harmonic current emission　([1] × b)

次数 Order	5次 5th order	7次 7th order	11次 11th order	13次 13th order	17次 17th order	19次 19th order	23次 23th order	25次 25th order
電流上限値 Upper limit of current (mA)								

主任技術者 Licensed engineer		TEL
工事会社 Electrical works company	担 当 Person in charge	TEL

様 式… 6 Form 6	※ 受付年月日 平成 年 月 日 * Received: (Y) (M) (D)	※整理番号 第 号 * Reference No.	※ グループ名 * Group name

空 気 調 和 用 冷 水 夜 間 供 給 申 込 書 (新規 ・ 変更)
Application for Nighttime Supply of Chilled Water for Air Conditioning (New, Change)

財団法人 2005 年 日本国際博覧会協会
会長 豊田 章一郎 殿
To: Dr. TOYODA Shoichiro
Chairman, Japan Association for the 2005 World Exposition

Date: ____年____月____日
(Y) (M) (D)

政府代表名
Name of Commissioner General of Section _____

代理人名
Name of signatory in print and signature _____ 印 (Seal)

2005 年日本国際博覧会会場において、下記のとおり空気調和用冷水の夜間使用をしたいので申込みます。
We hereby apply for nighttime supply of chilled water for air conditioning as described below for use at the site of the 2005 World Exposition, Aichi, Japan.

記

申 込 概 要 Details of application

* ゾーン名 Zone		施設名展示館名等 Name of facility, pavilion etc.	

夜間供給申し込み Application for nighttime supply

夜間供給を申し込む日に○をつけてください
Put circles to indicate the days when you wish to use chilled water at night.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	合計日数 Monthly total No. of days
3月 Mar.																																
4月 Apr.																																
5月 May																																
6月 Jun.																																
7月 Jul.																																
8月 Aug.																																
9月 Sep.																																

注： 1、※印の欄には記入しないでください。
2、冷水の夜間供給を開始または変更する日の1週間前までに申し込んで下さい。

Notes: 1. Do not fill in items marked with "*".
2. This application form should be submitted at least one week before start of, or change to, nighttime supply of chilled wat

※承認番号 * Approval number	第 号 No.	※ 承認年月日 * Date of approval	平成 年 月 日 (Y) (M) (D)