CLAIMS

1. A method for constructing a control system that controls energy consuming equipment used in a building, the method ~~comprising~~ performs, in a construction process of the building at a stage before the building is transferred to the user of the building:

a step of disposing the energy consuming equipment at a setting position in the building;

a step of acquiring, by using a control apparatus that makes communication with the energy consuming equipment to control an operation state of the energy consuming equipment, machine ID data for specifying the energy consuming equipment disposed at the setting position;

a step of acquiring, by using the control apparatus, position ID data for specifying the setting position at which the energy consuming equipment specified by the machine ID data is disposed; ~~and~~

a step of storing, by using the control apparatus, the machine ID data and the position ID data while associating the energy consuming equipment specified by the machine ID data with the setting position specified by the position ID data~~,~~; and

a step of inspecting whether the operation state of the energy consuming equipment is normally switched according to a control signal output by using the control apparatus toward the energy consuming equipment,

wherein in the step of disposing the energy consuming equipment at the setting position, the energy consuming equipment is disposed at the setting position according to a floor plan of the building in which the setting position is denoted, and

wherein in the step of acquiring the position ID data by using the

control apparatus, the control apparatus analyzes drawing data for drawing the floor plan, and specifies a positional relation of the setting position in the floor plan to acquire the position ID data~~.~~, and

wherein in the step of inspecting, an operation-confirmed data is acquired for the energy consuming equipment of which the operation state is normally switched according to the control signal, and

wherein in the step of storing the machine ID data and the position ID data by using the control apparatus, the control apparatus stores the machine ID data and the position ID data and the operation-confirmed data while associating a normal machine of which the operation state is normally switched in the step of inspecting among the energy consuming equipment specified by the machine ID data with a normal machine position at which the normal machine is disposed among the setting positions specified by the position ID data and an operation-confirmed date.

2. A method for constructing a control system that controls energy

consuming equipment used in a building, the method ~~comprising~~ performs, in a construction process of the building at a stage before the building is transferred to the user of the building:

a step of disposing the energy consuming equipment at a setting position in the building;

a step of acquiring, by using a control apparatus that makes communication with the energy consuming equipment to control an operation state of the energy consuming equipment, machine ID data for specifying the energy consuming equipment disposed at the setting position;

a step of acquiring, by using the control apparatus, position ID data for specifying the setting position at which the energy consuming equipment specified by the machine ID data is disposed; ~~and~~

a step of storing, by using the control apparatus, the machine ID data and the position ID data while associating the energy consuming equipment specified by the machine ID data with the setting position specified by the position ID data~~,~~; and

a step of inspecting whether the operation state of the energy consuming equipment is normally switched according to a control signal output by using the control apparatus toward the energy consuming equipment,

wherein in the step of acquiring the position ID data by using the control apparatus, the control apparatus acquires the position ID data through an input operation of information indicating the setting position~~.~~, and

wherein in the step of inspecting, an operation-confirmed data is acquired for the energy consuming equipment of which the operation state is normally switched according to the control signal, and

wherein in the step of storing the machine ID data and the position

ID data by using the control apparatus, the control apparatus stores the machine ID data and the position ID data and the operation-confirmed data while associating a normal machine of which the operation state is normally switched in the step of inspecting among the energy consuming equipment specified by the machine ID data with a normal machine position at which the normal machine is disposed among the setting positions specified by the position ID data and an operation-confirmed date.

~~3. The method for constructing the control system that controls the energy consuming equipment according to claim 1 or 2, further comprising, in the construction process of the building,~~

~~a step of inspecting whether the operation state of the energy consuming equipment is normally switched according to a control signal output by using the control apparatus toward the energy consuming equipment,~~

~~wherein in the step of storing the machine ID data and the position ID data by using the control apparatus, the control apparatus stores the~~

~~machine ID data and the position ID data while associating a normal machine of which the operation state is normally switched in the inspecting among the energy consuming equipment specified by the machine ID data with a normal machine position at which the normal machine is disposed among the setting positions specified by the position ID data.~~

~~4.~~3. A control system that controls energy consuming equipment used in a building, comprising:

the energy consuming equipment that is disposed at a setting position in the building; and

a control apparatus that makes communication with the energy consuming equipment to control an operation state of the energy consuming equipment,

wherein the energy consuming equipment is disposed at the setting position according to a floor plan of the building in which the setting position is denoted,

wherein the control apparatus includes

a machine ID data acquiring unit that acquires machine ID data for specifying the energy consuming equipment disposed at the setting position,

a position ID data acquiring unit that acquires position ID data for specifying the setting position at which the energy consuming equipment specified by the machine ID data is disposed, ~~and~~

a storage unit that stores the machine ID data and the position ID data, and

an operation-confirmed data acquiring unit that acquires operation-confirmed data for the energy consuming equipment of which the operation state is normally switched according to a control signal in a step of inspecting whether the operation state of the energy consuming equipment

is normally switched according to the control signal output by using the control apparatus toward the energy consuming equipment,

wherein the position ID data acquiring unit analyzes drawing data for drawing the floor plan, and specifies a positional relation of the setting position in the floor plan to acquire the position ID data, and

wherein in a process of constructing the building at a stage before the building is transferred to the user of the building, the storage unit

stores the machine ID data and the position ID data and the operation-confirmed data while associating a normal machine of which the operation state is normally switched in the step of inspecting among the energy consuming equipment specified by the machine ID data with a normal machine position at which the normal machine is disposed among the setting positions specified by the position ID data and an operation-confirmed date.

~~5~~4. A control system that controls energy consuming equipment used in a building, comprising:

the energy consuming equipment that is disposed at a setting position in the building; and

a control apparatus that makes communication with the energy consuming equipment to control an operation state of the energy consuming equipment,

wherein the control apparatus includes

a machine ID data acquiring unit that acquires machine ID data for specifying the energy consuming equipment disposed at the setting position,

a position ID data acquiring unit that acquires position ID data for specifying the setting position at which the energy consuming equipment specified by the machine ID data is disposed, ~~and~~

a storage unit that stores the machine ID data and the position ID data, and

an operation-confirmed data acquiring unit that acquires operation-confirmed data for the energy consuming equipment of which the operation state is normally switched according to a control signal in a step of inspecting whether the operation state of the energy consuming equipment is normally switched according to the control signal output by using the

control apparatus toward the energy consuming equipment,

wherein the position ID data acquiring unit acquires the position ID data through an input operation of information indicating the setting position, and

wherein in a process of constructing the building at a stage before the building is transferred to the user of the building, the storage unit stores the machine ID data, ~~and~~ the position ID data and the operation-confirmed data while associating a normal machine of which the operation state is normally switched in the step of inspecting among the energy consuming equipment specified by the machine ID data with a normal machine position at which the normal machine is disposed among the setting position specified by the position ID data and an operation-confirmed date.

~~6~~5. The control system that controls the energy consuming equipment

according to claim ~~4 or 5~~ 3 or 4, further comprising:

a sensor that measures an energy consumption of the energy consuming equipment; and

a display device that displays information indicating data from the control apparatus,

wherein the control apparatus includes a data generating unit that generates display data for displaying the energy consumption of the energy consuming equipment measured by the sensor in the display device in association with the setting position at which the energy consuming equipment is disposed, and

wherein the data generating unit reads the machine ID data and the position ID data out of the storage unit, and generates the display data based on a correspondence relation between the energy consuming equipment specified by the read-out machine ID data and the setting position specified by the read-out position ID data.

CLAIMS

1. A method for constructing a control system that controls energy consuming equipment used in a building, the method performs, in a construction process of the building at a stage before the building is transferred to the user of the building:

a step of disposing the energy consuming equipment at a setting position in the building;

a step of acquiring, by using a control apparatus that makes communication with the energy consuming equipment to control an operation state of the energy consuming equipment, machine ID data for specifying the energy consuming equipment disposed at the setting position;

a step of acquiring, by using the control apparatus, position ID data for specifying the setting position at which the energy consuming equipment specified by the machine ID data is disposed;

a step of storing, by using the control apparatus, the machine ID data and the position ID data while associating the energy consuming equipment specified by the machine ID data with the setting position specified by the position ID data; and

a step of inspecting whether the operation state of the energy consuming equipment is normally switched according to a control signal output by using the control apparatus toward the energy consuming equipment,

wherein in the step of disposing the energy consuming equipment at the setting position, the energy consuming equipment is disposed at the setting position according to a floor plan of the building in which the setting position is denoted, and

wherein in the step of acquiring the position ID data by using the

control apparatus, the control apparatus analyzes drawing data for drawing the floor plan, and specifies a positional relation of the setting position in the floor plan to acquire the position ID data, and

wherein in the step of inspecting, an operation-confirmed data is acquired for the energy consuming equipment of which the operation state is normally switched according to the control signal, and

wherein in the step of storing the machine ID data and the position ID data by using the control apparatus, the control apparatus stores the machine ID data and the position ID data and the operation-confirmed data while associating a normal machine of which the operation state is normally switched in the step of inspecting among the energy consuming equipment specified by the machine ID data with a normal machine position at which the normal machine is disposed among the setting positions specified by the position ID data and an operation-confirmed date.

2. A method for constructing a control system that controls energy consuming equipment used in a building, the method performs, in a construction process of the building at a stage before the building is transferred to the user of the building:

a step of disposing the energy consuming equipment at a setting position in the building;

a step of acquiring, by using a control apparatus that makes communication with the energy consuming equipment to control an operation state of the energy consuming equipment, machine ID data for specifying the energy consuming equipment disposed at the setting position;

a step of acquiring, by using the control apparatus, position ID data for specifying the setting position at which the energy consuming equipment specified by the machine ID data is disposed;

a step of storing, by using the control apparatus, the machine ID data and the position ID data while associating the energy consuming equipment specified by the machine ID data with the setting position specified by the position ID data; and

a step of inspecting whether the operation state of the energy consuming equipment is normally switched according to a control signal output by using the control apparatus toward the energy consuming equipment,

wherein in the step of acquiring the position ID data by using the control apparatus, the control apparatus acquires the position ID data through an input operation of information indicating the setting position, and

wherein in the step of inspecting, an operation-confirmed data is acquired for the energy consuming equipment of which the operation state is normally switched according to the control signal, and

wherein in the step of storing the machine ID data and the position ID data by using the control apparatus, the control apparatus stores the machine ID data and the position ID data and the operation-confirmed data while associating a normal machine of which the operation state is normally switched in the step of inspecting among the energy consuming equipment specified by the machine ID data with a normal machine position at which the normal machine is disposed among the setting positions specified by the position ID data and an operation-confirmed date.

3. A control system that controls energy consuming equipment used in a building, comprising:

the energy consuming equipment that is disposed at a setting position in the building; and