What is claimed is:

1. An article storage facility comprising:

an article storage rack having a plurality of storage sections for storing articles, the storage sections being arranged along a vertical direction and along a rack lateral direction;

an article transport device for transporting articles to the plurality of storage sections;

a controller for controlling operation of the article transport device;

wherein each of the plurality of storage sections includes a support body for receiving and supporting an article,

wherein the controller is configured to perform an article transport control for controlling operation of the article transport device to transport an article between an article support portion and any one of the plurality of the storage sections,

wherein a measuring jig is provided for measuring an amount of tilt of the support body with respect to the horizontal with the measuring jig received and supported by the support body, and

wherein the controller is configured to perform a tilt measurement control for controlling operation of the article transport device to transport the measuring jig sequentially to each of a plurality of measurement target storage sections which is all or a part of the plurality of storage sections, such that, after causing the measuring jig to be transported to cause the measuring jig to be received and supported by the support body of one measurement target storage section, the controller causes the measuring jig to be transported to cause the measuring jig to be received and supported by the support body of another measurement target storage section that is designated as being next in a set order defined in advance.

2. The article storage facility as defined in claim 1, wherein

the controller performs, as the tilt measurement control, an all-rack measurement control in which the measuring jig is transported sequentially to all of the measurement target storage sections,

wherein the article storage facility further includes a determination portion for determining, in the all-rack measurement control, whether an amount of tilt of the support body with respect to the horizontal and measured by the measuring jig is greater than a permissible angle, and a display for displaying information which specifies a storage section having the support body that is determined to be tilted by an angle greater than the permissible angle, by the determination portion.

3. The article storage facility as defined in claim 2, wherein

in addition to the all-rack measurement control, the controller performs, as the tilt measurement control, a re-measurement control in which the measuring jig is transported sequentially to each of measurement target storage sections that only include storage sections each having the support body that is determined to be tilted by an angle greater than the permissible angle by the determination portion.

4. The article storage facility as defined in claim 1, wherein

the controller controls, in the tilt measurement control, operation of the article transport device to start transporting the measuring jig to the another measurement target storage section that has been designated as being next after expiration of a predetermined movement start set period after the measuring jig is received and supported by the support body of the one measurement target storage section.

5. The article storage facility as defined in claim 4, wherein

the measuring jig includes a detecting portion for detecting a resting state of the measuring jig with respect to the support body, and a measuring portion for measuring an amount of tilt of the support body with respect to the horizontal,

wherein measurement by the measuring portion is performed after expiration of a measurement start set period after the detecting portion detects that the measuring jig is received and supported by the support body in a proper attitude defined in advance, and

wherein the measurement start set period is set to be less than the movement start set period.

6. The article storage facility as defined in claim 1, wherein

the support body includes a plurality of support members for receiving and supporting an article in a proper attitude defined in advance, and

wherein the measuring jig includes a supported portion received and supported by the plurality of support members in the proper attitude, and a measuring portion supported by the supported portion, and

wherein the measuring portion measures an amount of tilt of the support body with respect to the horizontal.