WHAT IS CLAIMED IS:

1. A processing method for a workpiece, comprising:

a cutting step of cutting the workpiece by using a cutting blade;

a cut groove forming step of cutting a test piece from one side to the other side thereof by using the cutting blade to thereby form a cut groove;

an imaging step of imaging a side surface of the test piece at the one side or the other side after performing the cut groove forming step, thereby forming an image including the cut groove; and

a determining step of determining whether or not the cutting blade is to be changed, according to inclination of a side wall of the cut groove detected from the image formed in the imaging step.

2. The processing method according to claim 1, wherein the cut groove from the determining step in a normal image is superimposed on the cut groove of an actual image.

3. The processing method according to claim 1, wherein the imaging step and the determining step may be performed during the cutting operation of the workpiece.

4. The processing method according to claim 1, wherein in the determining step, an outline of the cut groove in a normal image is compared with an outline of the cut groove in an actual image.

5. The processing method according to claim 1, wherein in the determining step, inner surfaces of the cut groove in an actual image is compared with an imaginary line forming inner surfaces of an ideal cut groove.