

Abstract

A viewing method after cleaning a pipeline (1) and a viewing apparatus (4). The method comprises the following steps: providing the viewing apparatus (4) arranged inside an inlet end (11) of the cleaned pipeline (1), wherein the viewing apparatus (4) has a flexible cylinder (5), the front end of which is provided with a camera (6) and a lighting unit (7); pushing the viewing apparatus (4) to an outlet end (12) of the pipeline (1) with pushing pressure (3) generated by a pressurization apparatus (2) connected outside the inlet end (11), and using the camera (6) to shoot an in-pipe image and storing same in a memory (66) of the camera (6) at the same time; then taking the camera (6) out of the viewing apparatus (4), reading the shot image in the memory (66) and using a screen (67) to view the interior of the pipe; and calculating, according to the known total length of the pipeline (1) and the time displayed on the screen (67) and spent by the viewing apparatus (4) in reaching the outlet end (12), the average speed of advance of the viewing apparatus (4), and calculating the position of an in-pipe situation by multiplying the average speed by the journey time displayed on the screen (67), and providing a reference, such as cleaning, replacement or maintenance.

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