

Sewerage technology and the project of reviewing and certifying the technology

Whole term

1997. 4 ~ 1998. 3

(Purpose)

Ministry of Construction is engaged in installing systems to review and certify the self-developed construction technologies by the private sector, based on “Rules for technical review and certification of the construction technology developed by the private sector” (Ministry of Construction Bulletin No.1451-on July 28, 1987).

Japan Institute of Wastewater Engineering Technology plans to quickly adopt the innovative technology in the construction field and to improve construction technologies developed by the private sector, with an approval of the Minister of Construction (Ministry of Construction Bulletin No. 475 on March 2, 1993) based on the aforementioned rule. Therefore, they execute “Sewerage technology and the project of reviewing and certifying the technology” to upgrade the construction technology.

(Results)

In 1997 fiscal year, it was requested by seven private companies to review and certify five technologies, and the reviewing and certification were done based on “Sewerage technology and instructions of reviewing and certifying the technology” (Japan Institute of Wastewater Engineering Technology). On this occasion, under the committee for reviewing and certifying the materials of sewers (Chairperson of the committee: Kusuda Tetsuya, a professor at Kyushu University), three committees composed of academic experts were appointed for reviewing and certifying:

Committee for reviewing and certifying the technology for partial rehabilitation of sewers-(Chairperson of the committee: Nakamura Gensei, a professor of Nihon University).

Committee for reviewing and certifying the technology for complete rehabilitation of sewers-(Chairperson of the committee: Matso Naoki, a professor of Chubu University).

Committee for reviewing and certifying the Sewer treatment technology-(Chairperson of the committee: Hosoi Yuhiko, a professor of Tottori University).

The followings are the five technologies granted to the committees for reviewing and certification, on 9th March, 1998:

- 1) Technology for rehabilitation of the entire sewer [FFT-S system]
Client: TAKIRON Co., Ltd.
- 2) Technology for rehabilitation of pipe joints [Y-N shuttle system]
Client: JFE Koken Corporation
- 3) Technology for rehabilitation of damaged sections of sewers [Part liner system]
Client: Asahi Tec Corporation, KANSEI co.
- 4) Flexible joint of the sewer-manhole [NC rubber cone]
Client: Nichicon Corporation, Daito Concrete
- 5) Flexible joint of the sewer [SRJ]
Client: Kanto Teikoku Hume

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Keywords

Investigate verification, Sewers, Flexible joint, Rehabilitating technology