



As a result of the limitations imposed by management, complex phenomena and investigation cost, it is required, prior to more accurate investigations, to know well the facility's condition and the evolution of disorders that it undergoes.

The manager of any underground facility must carry out, on his own, a certain number of visits and monitoring operations of the network so as to determine the weak points, the damaged areas, the urgent actions to take and the areas to be checked by a specialist.

For this purpose, the manager's personnel must be especially trained to be in a position to assess as objectively as possible the condition of the network.

Then survey and measure the deformation of the lining can be made by the following methods

- Visual, video and visible light surveying
- Geometrical surveying
- Surface thermography
- measuring devices
- remote monitoring