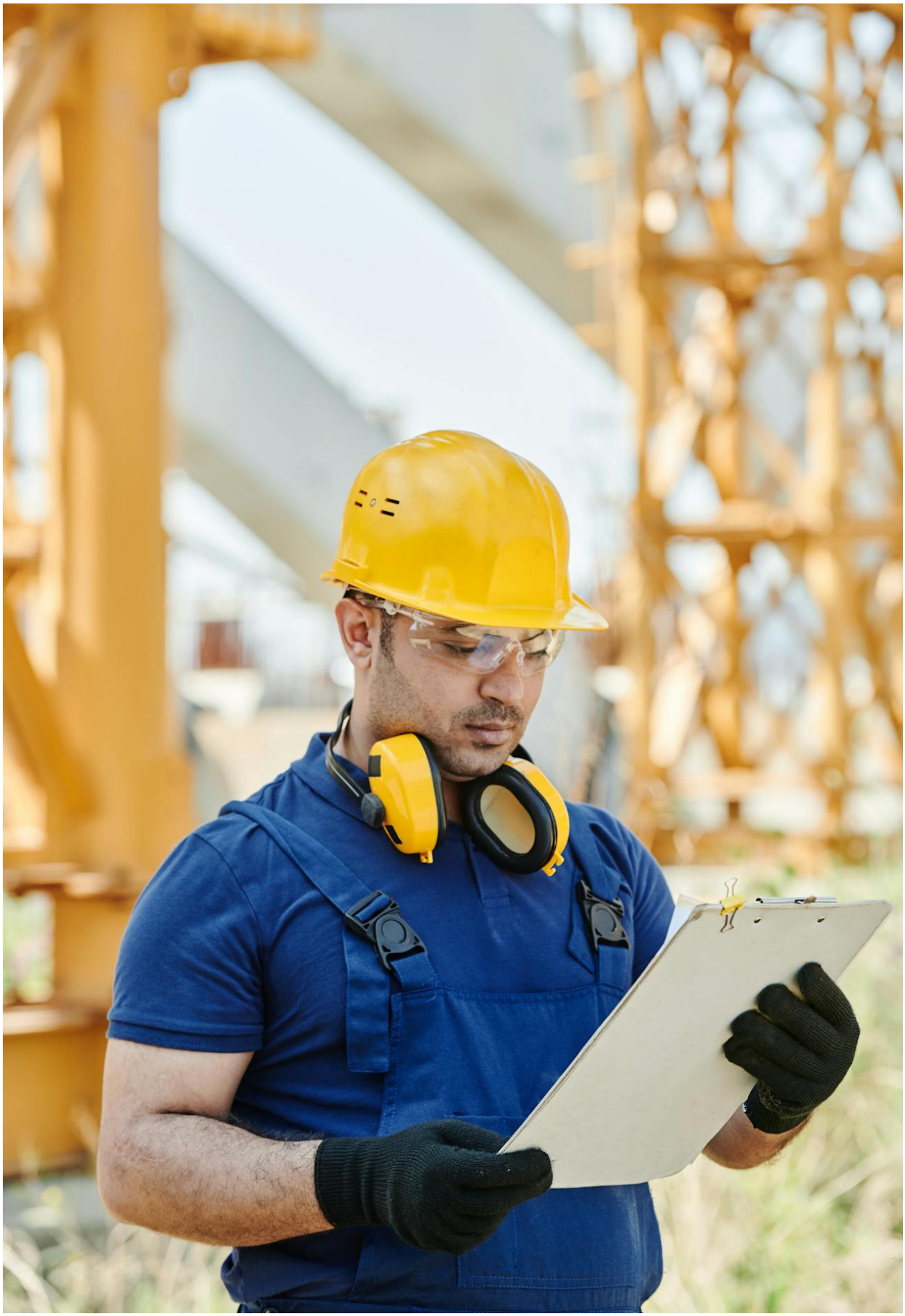
Common Sewer Inspection Mistakes to Avoid





A successful sewer inspection starts well before the sewer camera is inserted into the network. Neglecting preparation—such as analyzing system plans, identifying access points, or planning the inspection route—can compromise the entire operation. By understanding the layout of the **sewers**, pipes and site conditions in advance, technicians can properly adapt their strategy and choose thesewer inspection camera best suited to the context.

Using an inappropriate sewer inspection camera

One of the most common mistakes is using a sewer camera that does not match the specific characteristics of the network to be inspected. Depending on the diameter of the pipes, their curvature, or the presence of standing water, selecting the right type of sewer inspection camera is crucial. A camera that is too rigid, poorly lit, or lacking 360° rotation can produce incomplete or unusable images, leading to inaccurate analysis. Matching the equipment to the job site enables faster and more reliable sewer inspections.

Failing to check the sewer inspection camera before use

Even the best sewer camera can fail if it is not checked before use. Too often, inspections are interrupted due to dead batteries, dirty lenses, or damaged cables. A systematic inspection of the sewer camera before each assignment ensures uninterrupted service, reduces data loss risk, and avoids costly return visits.

Underestimating the importance of built-in lighting

A quality sewer inspection camera is always equipped with efficient lighting. However, many operators forget to properly adjust the light intensity according to pipe size or level of dirtiness. Poor lighting management can result in blurry, overexposed, or unusable images. For effective **sewer inspections**, it is essential to configure the camera to achieve optimal visibility in all conditions.

Neglecting documentation of sewer inspection results

A sewer inspection is not just about capturing images. Without clear, timestamped, and annotated reports, the value of the operation is greatly reduced. Today’s best sewer inspection cameras allow automated report generation, including defect localization and video integration. Skipping this step harms traceability of the work and planning of future maintenance.

Ignoring safety rules related to sewer inspection

The underground environment is often hazardous. Working without personal protective equipment, gas evaluation, or safety protocols exposes operators to serious risks. Fortunately, modern sewer inspection cameras like those from RinnoVision enable remote inspections, reducing human exposure. But this never replaces the need for a full prevention approach on every mission.

Misinterpreting sewer camera images

Visual analysis of images captured by a sewer inspection camera requires expertise. Confusing a superficial crack with a structural break can lead to inappropriate, costly, or even dangerous decisions. Moreover, delaying image analysis after the sewer inspection can cause loss of important contextual information. It is therefore recommended to process data promptly, with the help of trained professionals.

Proper use of your sewer inspection camera for reliable diagnosis

Avoiding common mistakes during sewer inspections guarantees diagnostic reliability, worker safety, and network durability. Whether it concerns camera choice, mission preparation, or data interpretation, every step counts. Investing in a high-performance sewer inspection camera, combined with best practices and adequate training, is essential for all companies and municipalities wishing to optimize management of their underground infrastructure.

Discover RinnoVision solutions for your sewer inspections

Leave no room for error during your sewer inspections.**RinnoVision sewer inspection cameras** are designed to offer optimal visibility, proven robustness, and ease of use in the field. Thanks to our innovative technologies, you gain precision, safety, and efficiency. Explore our range of sewer inspection cameras and transform your inspection operations.