

Fifth Annual Cured-In-Place Pipe Survey Finds Over 5,000 Leaks, With 1 in 3 Liners Leaking Over 20 Gallons Per Minute

Utilities Purchasing Electro Scan Equipment for 'Self-Testing' CIPP Grew 60% in 2020

SACRAMENTO, CALIFORNIA, USA, January 4, 2021 /EINPresswire.com/ -- [Electro Scan Inc.](https://www.einpresswire.com/press-releases/electro-scan-inc-announces-results-of-fifth-annual-cipp-survey/) announced results from its Fifth Annual Survey of Cured-In-Place Pipe (CIPP) finding over 5,000 leaks for the twelve-months ending December 31, 2020.

In 2020, 33% of CIPP showed leakage rates of 20 Gallons per Minute (GPM) or more, with only 15% achieving zero leakage – the lowest level since beginning its annual survey.

During the year, a 52-inch CIPP liner was evaluated finding leaks missed by Closed-Circuit Television (CCTV) cameras.

“

Lined pipes often leak more AFTER rehabilitation, than BEFORE rehabilitation, not discovered using visual inspection.”

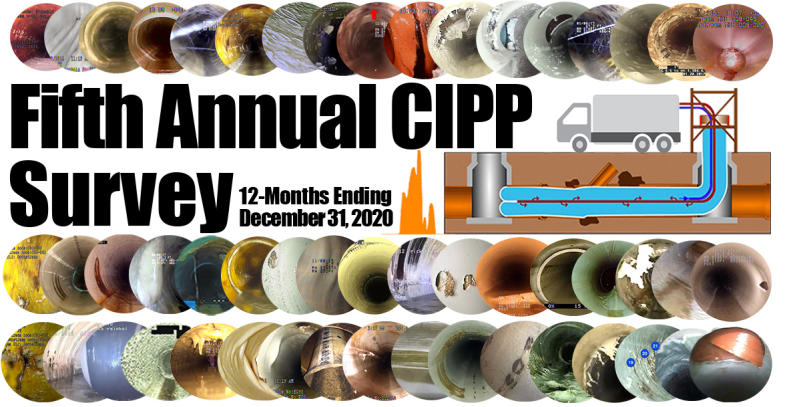
Electro Scan Inc.

Since 2014, Electro Scan Inc. has conducted over 1,500 CIPP assessment projects covering 40 suppliers.

CIPP is a widely used method of pipe rehabilitation using a variety of composite materials to reline existing pipes without digging.

Temporarily covering a homeowner's connection, robotic cutters are required to re-open each service; often resulting in new leaks.

As a result, lined pipes often leak more AFTER rehabilitation, than BEFORE rehabilitation, not

The graphic for the Fifth Annual CIPP Survey features a central title "Fifth Annual CIPP Survey" in large, bold, black letters. To the right of the title is a small illustration of a white truck with a blue hose connected to a blue pipe that enters the ground. Below the title, it says "12-Months Ending December 31, 2020". The graphic is flanked by two rows of circular images showing various pipe interiors, some with leaks or debris. The entire graphic is set against a light gray background.

Fifth Annual CIPP Survey
12-Months Ending December 31, 2020

Fifth Annual CIPP Leak Survey for the twelve-months ending December 31, 2020, reports over 5,000. Compiled by Avi Randhawa, Senior Analyst, Electro Scan Inc.

discovered using visual inspection.

Electro Scan represents a machine-intelligent in-pipe leak detection solution that provides pinpoint locations of leaks with 1 cm (3/8 inch) accuracy.

Results are automatically provided in Gallons per Minute or Liters per Second.

Continued use of CCTV to accept CIPP as watertight and reduced quality control during the COVID-19 pandemic may have adversely contributed to 2020 results.

The annual survey consolidated results from utilities, licensed contractors, and Electro Scan Services, worldwide.

Utilities purchasing Electro Scan in 2020, typically added to existing CCTV trucks, grew 60%.

In 2020, Electro Scan Inc. was commissioned by a leading utility to compare 50-year-old Vitrified Clay Pipe (VCP), 10-year-old CIPP, and recently installed CIPP.



Electro Scan ruggedized machine-intelligent pipeline assessment probe.



UK-based Cured-In-Place Pipe (CIPP) assessment project completed in 2020.

Recently installed CIPP represented 35% of total footage contributing 50% of infiltration, with 80% of re-connections substantially leaking compared to only 2% found by CCTV.

Today, an increasing number of CIPP suppliers recommend owners use ASTM F2550 for liner acceptance to differentiate their liners from other Trenchless solutions.

For more information contact Electro Scan Inc.

ABOUT ELECTRO SCAN INC.

Founded in 2011, the company designs machine-intelligent leak detection products that help

utilities locate leaks in sewer & force mains and pinpoint sources of Non-Revenue Water in pressurized networks. Headquartered in Sacramento, California, the company sells equipment to utilities and licenses its technology to contractors, worldwide.

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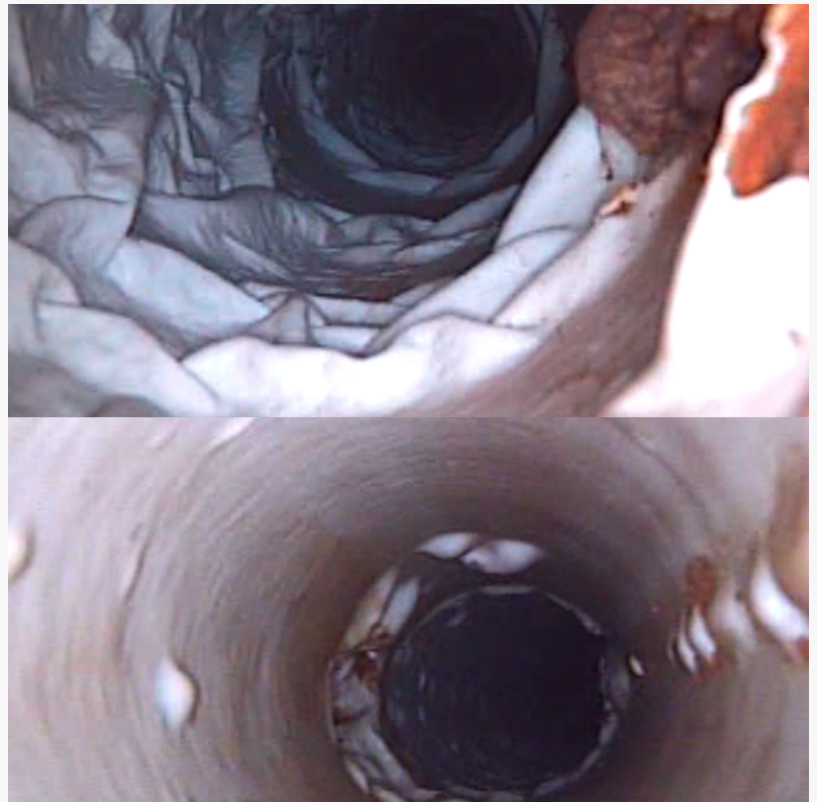
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Customer service tap reconnection, frequently responsible for infiltration leakage rates greater AFTER rehabilitation, than BEFORE rehabilitation.



Defective CIPP liners in pressurized UK water mains.

This press release can be viewed online at: <https://www.einpresswire.com/article/533960632>

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