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- 30+ years experience performing root cause failure analysis and materials characterization
- Began working with electron microscopes to characterize fracture surfaces on helicopter components at Sikorsky Aircraft in 1988.

A background image of the Houston skyline, featuring several prominent skyscrapers like the Texas Tower and the Reliance Tower. In the foreground, there is a river with a bridge and some greenery. The image has a semi-transparent overlay.

Winning the Hospitality Claim Using Scanning Electron Microscopy

THE HOSPITALITY LAW CONFERENCE: SERIES 2.0 - HOUSTON

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Scanning Electron Microscope (Energy Dispersive Spectroscopy)

- A tool to examine the surface of an object at high magnification ($>30,000\times$)
- Capable of also providing information about the chemistry of the object.
- Transformative tool that has been used for over 80 years.

Then and Now (1950's to 1988 to 2019)



Foreign objects in foodstuffs

- Metal particles found in a supreme pizza.
- Claimant felt sick and went to emergency room for x-rays.
- Particles removed from the digestive tract of the claimant.

SEM / EDS Analysis

