

## ABOUT US

CTL|Thompson, Inc. is an industry leader in geotechnical, environmental, and structural engineering with extensive experience in construction materials testing and observation. Formed in 1977 with the merger of Robert W. Thompson, Inc. and Commercial Testing Laboratories, CTL|Thompson has grown to include nine offices throughout Colorado, Texas, and Wyoming.



## Helical Pile Laboratory



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Test Lab 342

## INTRODUCTION

In June 2007, acceptance criteria were adopted for helical foundation systems by the International Code Council (ICC). This criteria, called AC358, was adopted in order to provide assurance of system capabilities to code officials, engineers, architects, and contractors. It also levels the playing field for evaluating such systems.

## WHY ACCREDITATION MATTERS

The International Accreditation Service (IAS) is a non-profit, public benefit corporation and a leading accreditation body in the United States. The accreditation process measures our services against international standards, ensuring our competency and accuracy. An IAS stamp of approval means you can be confident that the services CTL|Thompson, Inc. is providing meets the most stringent of standards. By having your products tested by an accredited laboratory, it also assures your clients they are receiving a quality product, and will help raise the bar for entry in your market and place you above your competition.

## TESTING

The tests that are administered are designed to mimic the real forces that helical piers are subjected to after installation. These foundation systems are tested for resistance to axial compression, axial tension, lateral loads, or any combination of the three. The AC358 dictates that the resistance to these forces shall be measured using four primary structural elements of the helical systems: Bracket Capacity, Helix Capacity, Shaft Capacity, and Soil Capacity.

## LEADERS IN SERVICE

With an extensive background in helical pier foundation design and construction, it's no wonder **CTL|Thompson, Inc. is currently the only laboratory in the world accredited to provide ICC certification testing and support.** We offer quality independent testing which fulfills the requirements of AC358.

We work with you to tailor a testing program that meets your specific needs. We consider you a partner in our testing program and will incorporate your company's capabilities, where

possible, in an effort reduce the burden of testing costs. Again, the goal is accreditation, our job is to help you get there.

## BUSINESS PROTECTION

Helical piercing is a relatively new and competitive industry with innovative product features being constantly developed. Your products and plans are held strictly confidential and will at no time be available to your competition. Although we encourage clients to visit our facilities, we insist on prior notification and arranged meeting dates to ensure products currently being tested are completely protected. We afford this level of business protection to all of our clients.

## BEYOND

The unique capabilities of CTL|Thompson, Inc. allows us to offer more than just ICC related testing. With an experienced structural design team on staff, we can provide assistance in product design and improvement. We can also assist you with project specific foundation design now and in the future.

