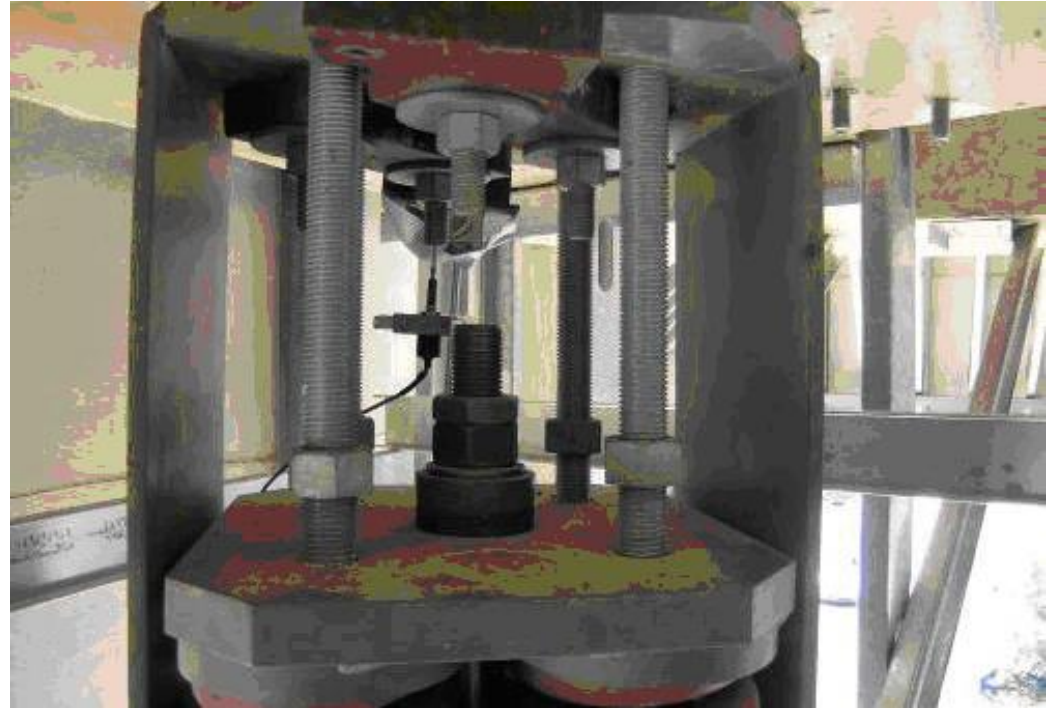




**PROJECT PROFILE**

# UTHSC Institute of Molecular Medicine

Field Testing of Tension Cable Anchorage Plates | Houston, TX



**CLIENT**

Fugro Consultants, LP

**BACKGROUND**

The Institute of Molecular Medicine (IMM) is a state-of-the-art laboratory and lecture facility at the University of Texas Health Science Center. The six-story structure includes a full-height glass wall that is supported by tensioned cables.

Steel plates embedded in concrete beams served as the anchor points for high tension cables supporting a unique full-story glass wall system. Given their critical function, the WJE project team tested the embedded plates in a manner that would provide confidence in their ability to perform as intended.

**SOLUTION**

In order to provide meaningful results related to the functionality of the system, WJE engineers developed and executed a complete test protocol, including the selection of test specimens, instrumentation design, and monitoring of specimen performance under load.

