Our typical work involves addressing machinery problems for a variety of global clients that will include some hands-on field testing in large industrial facilities as well as analytical modeling (FEA, Rotordynamics, monitoring of machine performance or vibration/pulsation, etc.) and problem solving to eliminate the cause of the damage/failure.

The job will include working with other engineers to assess and evaluate mechanical systems. Report writing is a key job requirement and therefore the right candidate will be able to generate well written technical reports. Our successful candidate will have a passion for performing analytical engineering work and yet have an ability to interface well with other engineers and clients. The position will involve numerical modeling of mechanical systems including rotating machinery and/or piping systems. Most projects relate to machinery dynamics. Software used include ANSYS, DyRoBos, Autopipe, PULS, LabView, Solidworks, and proprietary tools.

We work a flexible 40-hour schedule, have good benefits (healthcare, 401K, etc.), and provide a great opportunity to learn and develop strong engineering skills. Candidate should have a minimum of a B.S. in Mechanical Engineering (M.S. preferred) from an ABET accredited university and EIT certificate (passed FE fundamentals exam) with a desire to pursue a PE license or have a PE license. This position will be located in Denton, TX with occasional travel to our office in Friendswood, TX or client locations for field testing or meetings.

Field testing activities will involve some travel for measurement work, so candidate must be able to climb stairs and lift 50 lbs. without risk of injury and have previous work experience, education, or personal interest in mechanical equipment (turbines, compressors, pumps, engines, etc.). Travel is generally limited to about 2 field trips per month of short duration (1-3 days). Longer duration field trips are possible but not common.