

Stanford Linear Accelerator Center

Customer Comments: "Initially, I planned to get precision cast (investment) impellers in stainless steel. But the cost was high and delivery too long. I'm glad we found your website on the internet – this worked out even better. I also appreciate your ability to deliver the impellers ahead of the proposed schedule."

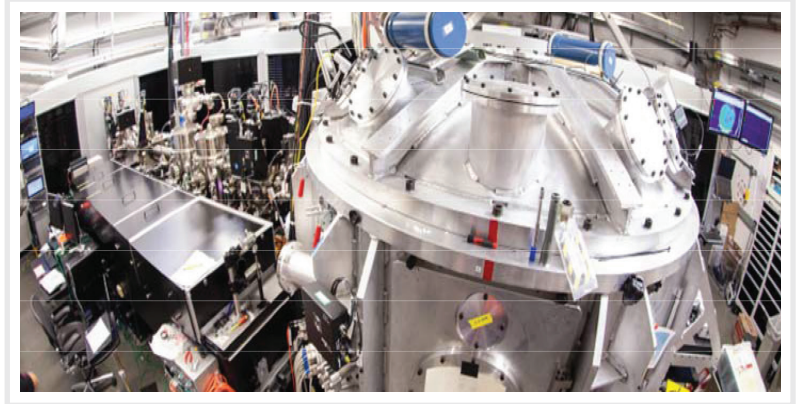
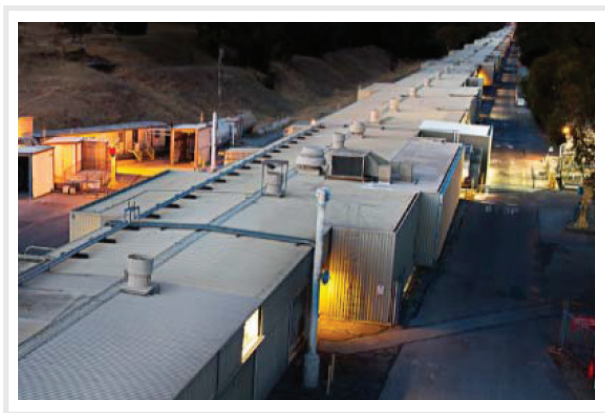
~ Harry Shin, P.E., Projects Group Leader, Plant Engineering Department. SLAC.

Problem:

The pump used in the particle accelerator caused "Jittering" and "Vibrating" of the quadruple magnets (Four pole magnets used to steer the particle beam), because of the excessive vibrations of the pump, which used cast bronze impellers.

Results:

The SIMSITE® machined composite impellers cured the problem. Because of their light-weight and because of their perfect balance (SIMSITE® Impellers are machined from solid blocks of structural material from one center position) the "Jittering" and "Vibrating" was eliminated.



Company Location: Menlo Park, California –

Company Background: SLAC National Accelerator Laboratory is one of 10 Department of Energy (DOE) Office of Science laboratories and is operated by Stanford University on behalf of the DOE. Since its opening in 1962, SLAC has been helping create the future. We built the world's longest particle accelerator, discovered some of the fundamental building blocks of matter and created the first website in North America.

7.00 x 4.94 Simsite®
Impeller installed by
SLAC

