

# LISI HI-SHEAR PLATING FACILITY

Client: Lisi Aerospace/Hi-Shear

Location: Torrance, CA

Product Type: Industrial – Chemical Plating Facility

Services: Architecture

Size: 21,000 sf



Hi-Shear, part of Lisi Aerospace, is a leading manufacturer of precision mechanical fasteners for the aerospace and defense industries. Working as part of a design-build team with Oltmans Construction Company, BSB Design provided programming/site analysis through design and construction of a new state-of-the-art chemical plating facility on Lisi's 14-acre campus. This multi-faceted project entailed the demolition of the original plating facility and the design and construction of a new 3,600-square-foot wastewater treatment plant.

The biggest project challenges included environmental concerns. The handling of hazardous materials, as well as their eventual treatment and disposal, required close coordination with the fire department's various environmental agencies. Also due to the site's adjacency to the Torrance Airport, coordination with the Federal Aviation Administration was required. The project was delivered on a phased approach, to facilitate continuous production for the client.

