



Project Scope: Engineering / Design Drawings; Seismic Analysis, S/S Fabrication, Kynar® Lining, Final Assembly, Helium Leak Testing, ASME NQA-1.

The Analytical Chemistry Glovebox and the Metallography Preparation Glovebox (not shown) were Kynar® lined Type 304L stainless steel glovebox assemblies that Springs Fab designed and built for a DOE facility. The engineering phase of the project involved production of preliminary design drawings, preliminary design review, detailed mechanical and electrical design drawings, and structural / seismic calculations. Drawings were revised as needed to produce as-built drawings at the completion of fabrication. Springs Fab fabricated the gloveboxes and their appurtenances, subcontracted the lining, completed the assembly, and performed the helium leak testing.