

Complex Metal Fabrications – Certified Welding

A large multi-national conglomerate needed a company to weld large frames for a Heat Exchange System for the US Navy. The frame and sub-components had to be fabricated and welded to **NAVSEA S9074-AR-GB-01/278**. All materials were to be certified US sources. All welds had to be inspected using the appropriate NDT methodology and certified.

The frame fabrications are large standing over 8 feet high and required special machining, handling and painting considerations.

Frank Roth Co., sourced material and machined sub-components. In conjunction with their partner G.Cotter Enterprises, the sub-components and frames were welded to certified NAVSEA welding procedures. The parts were MPI or FPI inspected and certified. Special rigging skids were developed to move the 1700lb frame plates and safely handle them during the painting process.

The complete project from sourcing to machining, welding and painting was completed in 8 weeks.

