



## Case History: Skills, Inc. Aerospace Supplier

Skills, Inc. is one of Washington State's largest aerospace suppliers of machined and sheet metal parts for both commercial and defense supply chains. Additionally, it is one of a few companies that fabricates and finishes aerospace components.

An area of concrete became saturated with chemicals after an old containment system had failed. Rather than clean and patch the old concrete, Skills Inc. chose to remove and replace the old concrete with new concrete. The picture below on the left shows the new concrete along with a new plating line. In addition to the new concrete the containment area needed to be chemically resistant, therefore ICO Primer LV and ICO Hi Guard resinous coatings were used to protect the new concrete and prevent the chemicals from leaking into the soil.

Local contractor Emerald City Shotblasting along with local Milamar representative Tim Rayburn discussed the appropriate system that should be installed. Since Skills Inc. utilizes a number of chemicals in their plating process, it was agreed upon that the ICO Primer LV and ICO Hi Guard were to be installed because the 2-part epoxy Primer LV and 2-part novolac epoxy coating ICO Hi Guard could handle their potential chemical spills. The 1,600 sq. ft. pit was prepared by shot blasting and grinding the new concrete giving a good profile for the coatings to adhere. An additional advantage to the flooring system used was the low odor of Primer LV and Hi Guard, which allowed the employees in the building to continue working during the install.

Skills Inc. is happy with the turnaround time on the applied material and its ability to withstand the chemicals. The job took a total of 5 days to complete which includes the surface prep and floor coating.

