

ABSTRACT

Elcon Precision is a company based out of San Jose, California specializing in the photochemical processing of materials and brazing of metals and ceramics for a variety of different industries. Three students from the Industrial Engineering Department at California Polytechnic State University, San Luis Obispo were contacted by Elcon Precision to help redesign their stockroom and inventory areas in their San Jose location in order to allow for the future growth of the company. Elcon asked the Cal Poly project team to help increase efficiencies throughout the stockroom by creating an alternative layout that best suited the company's needs. This report will provide an in-depth analysis of the Cal Poly project team's approach to achieve a more efficient layout for the Elcon Precision stockroom.