

AM METALWORKER

Arizona, Nevada, and New Mexico Edition



*CAID Industries...
This Month's Shop Profile*





INNOVATORS OF MANUFACTURING TECHNOLOGY

— EST. 1947 —

“MORE THAN SIX DECADES OF EXPERIENCE”

CAID Industries (formerly T.A. Caid Industries) is a market leader with a world class manufacturing facility unknown to many. CAID's 20 acre manufacturing campus near the Tucson International Airport continues to reinvent itself with facility improvements, equipment acquisitions, promoting the development among its 175 employees and the investment in new technologies to service a very complex and demanding customer base.

Diversity in the Products They Make and the Industries They Serve

CAID Industries specializes in diversification. The extraordinary variety of the work it performs attests to the can-do attitude that permeates its organization.

Its range of capabilities includes design/build responsibility, custom fabrication to customer standards, large scale manufacturing, raw material sales, field erection services and extensive mining technology and services. Materials it works with range from stainless steel, titanium,

aluminum, carbon steel, exotic duplex steels, to structural fiberglass, copper, plastics and mesh.

CAID prides itself on its reputation with domestic clientele but its client base is truly international with products shipping to South America, Europe, Australia, Canada, Mexico and other international destinations. In 2000 CAID established an international subsidiary in Chile to better service its South American clients.

CAID's strength in client diversity has given it strong skill sets to exceed customers' project expectations in markets such as Medical, Architectural, Military, Industrial Plants and Semiconductor. How

does CAID tackle such complex projects from various markets? Bill Assenmacher, President and CEO who has been with CAID for 35 years attributes CAID's success to its employees, *"The talents and diversity of our employees truly makes us a dynamic company. This diversity ranges from two professional engineers to twelve degreed engineers from managers that hold advanced business degrees to employees that are fluent in German, French and Spanish. Our employees are the life blood of our organization and we strive to make the work environment challenging and rewarding so employees come to CAID not for just a job but for a career."* It is clear that employees come first at CAID, especially when you look at its innovative culture, employee tenure (40% of employees have worked

at CAID more than 10 years) and a benefits package that includes employee stock ownership and 401(K) programs. CAID was also a finalist in 2008 as one of Arizona's Best Places to Work by Wells Fargo Copper Cactus organization.

"Whether you require our design expertise or only require fabrication to your existing plans CAID

has the experience to make your project a success" stated Kyle Peyton, Sr. Vice President.



New 3rd CNC Laser

World Class Manufacturing Facility & Certifications

CAID's 20 acre campus is composed of 6 buildings that comprise almost 200,000 square feet of manufacturing space and are all geared towards servicing specific client requirements.

In the last 2 years CAID has differentiated itself from its competitors by increasing its capabilities through an expanded paint facility, multiple CNC machines enhancing its machine shop capabilities, a Faro

Laser Tracker and a new Heavy Fabrication building which houses two 30 ton overhead cranes with a 60' span and 175' of travel. The two new CNC controlled cranes can work in unison and lift an impressive 120,000#. The other noteworthy piece of equipment is CAID's addition of a third state-of-the-art CNC Laser machine that is labeled the fastest and largest in the Southwest. The new 6000 watt Bystronics laser can cut up to 1" thick stainless steel plate and has a rotary axis that can also cut 3 dimensional objects.

CAID's strategy to put an important emphasis around capabilities, people and quality has earned it a number of certifications:

- ISO 9001-2000 certified
- ASME section VIII Div specifications (U,S,R Stamps)
- AISC certified Complex Bridge Fabricator
- API Tanks and Vessels
- Worldwide mine technology patents
- Five contracting licenses

In addition to its large library of certifications, CAID has three in house welding inspectors holding AWS QC1 CWI's and ASNT SNT-TC-1A Level II certifications who manage over 100 certified weld procedures which maintains CAID's high quality standards for its 75 certified welders.

"Quality is foremost in all our business activity. Continuous quality improvement is essential to customer satisfaction and our ongoing success" per Tom Zeigler, Vice President - Manufacturing.

Markets Served

Military/Aerospace

CAID's skilled in house engineering, design and documentation control makes CAID a top notch manufacturer for the military/aerospace industry. In 2008, CAID finished military contracts that lasted over 2 years and encompassed the processing of



Military Test Stands and Devices



20,000 lb. SS316L Vertical Pump Cans

nearly 2 million pounds of 1" AR500 plate. CAID is a key contractor to the US Army at Fort Huachuca and provides value added products to clients such as Raytheon and Northrop Grumman.



Electro Polished Stainless Steel Vacuum Chamber

Utilities/Energy

CAID's unique ability to design and fabricate custom pressure vessels, tanks, hoppers, ducting and high volume repetitive manufacturing gives CAID the ability to service all of its customers' needs. The sales team at CAID says *"We wrap our arms around our customers to give them a one stop shop which makes us an efficient partner of their supply chain"*. CAID recently built five, 20,000 lb Stainless Steel vertical pump cans for PCL/Sulzer Pumps which were installed at a water treatment plant in Phoenix. In addition, CAID manu-



Pharmaceutical Process Tanks

factured over 4000 galvanized steel parts for Solon America and Global Solar installed in a new Arizona solar power field during 2008.

Healthcare/Pharmaceutical

We all know Healthcare is an integral part to today's economy and CAID has strategically positioned itself to service all segments of this market. Today CAID is the designated OEM for Kruger Air Filtration providing turnkey stainless steel hospital ducting / ventilation components. When touring CAID's impressive facilities, it's hard not to notice the stainless steel process tanks under fabrication for customers like Abbott Laboratories



Stainless Steel Filtration System

and EI Systems. CAID prides itself on being one of best stainless steel tank shops in the country.

Architectural/Artistic

In this dynamic and creative market, CAID has built a worldwide reputation for designing and building complex architectural structures and commissioned works of art. Many know CAID from "The World's Largest Paper Airplane" fabricated from anodized aluminum for a Sundt Construction hangar complex. CAID also built the colossal Ramada Structure for Hensel Phelps Construction that covers 1/4 of an acre with stainless steel mesh at the University of Arizona Bio5 Medical Research building. Currently CAID is



Code Stainless Steel Pipe Spools

working on a number of architectural art projects. To name a few, there is the highly publicized "Sky Bloom" in downtown Phoenix, an aluminum art feature in South Beach Florida and a series of eight complex design build architectural mirrors for a museum in Norway. (See cover for photos.)

Material Supply

CAID can also supply common and difficult to find raw materials to clients out of its own extensive inventory or through its strong relationship with key regional and international material suppliers from around the world.

It's no wonder when walking through the facilities that a person senses the energy and drive to continue the successful innovation and attention to customers that has enabled CAID to prosper for more than 6 decades!

For more information on CAID or if you would like a free facilities tour and lunch, call and ask for the sales department at 520.294.3126. Be sure to visit their website at www.CAID.com.